

AD A 074664

USAFETAC/DS-79/038

DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

HOMESTEAD AFB FLORIDA      WBAN# 12826  
N 25 29 W 080 23      ELEV 17 FT KHST      WMO#

PARTS A-F

POR FROM HOURLY OBS: FEB 43-SEP 44, MAY-JUN 45,  
AUG-NOV 45, JUN 56-DEC 70

POR FROM DAILY OBS: FEB 43-SEP 44, MAY-JUN 45,  
AUG-NOV 45, JUN 56-DEC 70

SEP 11 1972

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ASHEVILLE, N. C.

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FOR THE COMMANDER

  
WALTER S. BURGMANN  
Scientific & Technical  
Information Officer

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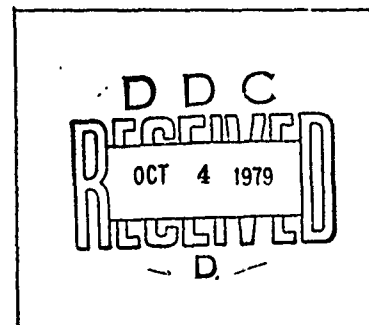
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Homestead AFB, Homestead, Florida It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM  
1 JAN 73 1473

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19. Percent frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* Florida

\* Homestead AFB, FL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

DATA PROCESSING DIVISION  
USAFETAC OL-1  
AIR WEATHER SERVICE (MAC)

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary, of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS.

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MARCH \_\_\_\_\_

APRIL \_\_\_\_\_

MAY \_\_\_\_\_

JUNE \_\_\_\_\_

JULY \_\_\_\_\_

AUGUST \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

OCTOBER \_\_\_\_\_

NOVEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_



NUMBER OF LOCATION	DATE OF CHANGE	SURFACE AIDS EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Mar 62 to Feb 63	Located 1800 ft SE of weather station, 800 ft NW of centerline of runway and 4000 ft from end of runway 05.	Same	Same	Same	
7	Mar 63 to Sep 66	Located 3000 ft SW of weather observation bldg on runway 05/23, 500 ft NW of centerline.	Same	Same	Same	
8	Oct 66 to Feb 68	1. Runway 05: 500 ft NW of centerline & 1500 ft NE of end of runway. 2. Runway 23: 500 ft NW of centerline & 1500 ft SW of end of runway.	Same Same	Same	15 ft. Same	
9	Mar 68 to Feb 69	1. Located 800 ft NW of runway center line, 3000 ft NE of runway 05. 2. Located 500 ft NW of runway center line, 1500 ft SW of runway 23.	Same Same	Same	13 ft. Same	
10	Mar 69 to Feb 70	1. Same	AN/GMQ-11/20	Same	15 ft.	
11	Mar 70 to Dec 70	2. Same 1. Same 2. Same	Same Same Same	RO-362	Same Same Same	



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ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

A

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826  
STATION

HONESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.1	4.4				4.4	6.7	5.7			10.6	11157
FEB		.3	3.3				3.3	5.3	5.6			9.7	10842
MAR		.3	3.2				3.2	3.4	3.8		.0	5.7	11899
APR		.5	2.2				2.2	2.7	4.4		.0	6.3	11519
MAY		2.1	5.4				5.4	1.1	4.6		.0	5.4	12638
JUN		4.4	8.2				8.2	.8	2.1		.0	2.6	12740
JUL		4.5	4.7				4.7	.1	.9			1.0	12637
AUG		4.3	5.1				5.1	.2	.5			.6	13383
SEP		3.5	7.7				7.7	.6	1.2			1.7	12723
OCT		1.0	7.2				7.2	2.4	2.9			4.7	12644
NOV		.1	2.9				2.9	4.4	3.5			7.0	11639
DEC		.1	3.0				3.0	4.6	4.7			8.4	11899
TOTALS		1.8	4.8				4.8	2.7	3.3		.0	5.4	145720

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44,57-70  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02	.2	3.7				3.7	8.5	3.9			11.0	1395
	03-05	.3	4.3				4.3	12.9	6.6			17.1	1395
	06-08	.1	4.6				4.6	18.2	14.2			26.7	1394
	09-11		4.4				4.4	6.7	10.7			14.9	1395
	12-14	.2	4.8				4.8	1.6	2.8			3.9	1395
	15-17		4.4				4.4	1.4	1.9			3.0	1395
	18-20	.2	4.9				4.9	1.1	2.6			3.4	1394
	21-23		4.2				4.2	2.8	2.9			5.1	1394
TOTALS		.1	4.4				4.4	6.7	5.7			10.6	11157

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	.4	3.1				3.1	5.9	4.4			9.4	1354
	03-05	.4	3.6				3.6	11.7	6.5			15.3	1356
	06-08	.5	3.8				3.8	17.2	13.9			26.4	1356
	09-11	.1	3.3				3.3	4.2	9.4			12.5	1356
	12-14	.2	2.5				2.5	.4	3.2			3.6	1355
	15-17	.1	3.5				3.5	.5	1.9			2.4	1356
	18-20	.4	3.3				3.3	.6	2.3			2.9	1355
	21-23	.1	3.5				3.5	2.1	3.0			4.8	1354
TOTALS		.3	3.3				3.3	5.3	5.6			9.7	10842

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02	.7	3.4				3.4	3.4	4.5			7.3	1484
	03-05	.3	3.3				3.5	7.4	3.9			10.6	1487
	06-08	.1	2.6				2.6	12.6	8.4			18.5	1488
	09-11	.3	2.7				2.7	1.6	4.2			5.4	1488
	12-14	.3	3.8				3.8	.4	1.7		.2	2.4	1488
	15-17	.3	4.1				4.1	.4	2.1			2.5	1488
	18-20	.5	3.0				3.0	.6	2.8			3.3	1488
	21-23	.1	2.5				2.5	.7	2.7			3.4	1488
TOTALS		.3	3.2				3.2	3.4	3.8		.0	6.7	11899

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.5	1.8				1.8	2.3	3.1			4.8	1439
	03-05	.7	2.1				2.1	6.4	6.3			11.3	1440
	06-08	.2	1.8				1.8	11.9	12.6			20.0	1440
	09-11	.3	1.9				1.9	.8	3.8			4.4	1440
	12-14	.3	2.5				2.5	.1	2.8		.1	3.1	1440
	15-17	1.0	3.0				3.0		2.2			2.2	1440
	18-20	.5	2.0				2.0	.1	2.3			2.4	1440
	21-23	.8	2.2				2.2	.1	2.0			2.2	1440
TOTALS		.5	2.2				2.2	2.7	4.4		.0	6.3	11519

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826

STATION

HOMESTEAD AFB FLORIDA

STATION NAME

43-45, 57-70

YEARS

MAY

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	2,2	5,3				5,3	.3	3,9			4,1	1578
	03-05	1,7	4,5				4,5	2,3	5,8			7,3	1580
	06-08	1,1	4,6				4,6	4,8	10,3			13,2	1580
	09-11	.9	4,8				4,8	.4	5,2			5,6	1581
	12-14	2,7	6,1				6,1	.2	3,4			3,6	1581
	15-17	3,4	7,1				7,1	.4	3,0		.1	3,4	1581
	18-20	2,5	5,5				5,5	.3	2,6			2,9	1579
	21-23	2,2	5,3				5,3	.2	2,8			3,0	1578
TOTALS		2,1	5,4				5,4	1,1	4,6		.0	5,4	12638



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AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826

STATION

HOMESTEAD AFB FLORIDA

STATION NAME

43-45, 56-70

YEARS

JUN

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.7	4.8				4.8	.1	2.0			2.0	1578
	03-05	1.3	5.2				5.2	1.0	2.4			3.1	1576
	06-08	1.6	4.6				4.6	2.7	4.8			6.1	1606
	09-11	2.6	6.6				6.6	.1	1.5			1.6	1607
	12-14	10.2	14.1				14.1	.6	1.1		.1	1.7	1608
	15-17	9.8	12.7				12.7	.7	1.6			2.3	1607
	18-20	5.4	10.2				10.2	.5	1.7			2.2	1580
	21-23	2.3	7.0				7.0	.4	1.3			1.7	1578
TOTALS		4.4	8.2				8.2	.8	2.1		.0	2.6	12740

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44,56-70  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2,3	3,0				3,0	.1	.4			.5	1580
	03-05	2,4	2,8				2,8	.2	.9			1,1	1580
	06-08	1,6	2,6				2,6	.6	3,1			3,3	1580
	09-11	2,2	4,7				4,7	.2	.8			1,0	1581
	12-14	10,0	8,2				8,2		.3			.3	1579
	15-17	9,0	7,9				7,9		.6			.6	1579
	18-20	5,3	5,1				5,1		.8			.8	1580
	21-23	3,2	3,6				3,6		.4			.4	1578
TOTALS		4,5	4,7				4,7	.1	.9			1,0	12637

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826

STATION

HOMESTEAD AFB FLORIDA

STATION NAME

43-45, 56-70

YEARS

AUG

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	2,5	3,9				3,9		.1			.1	1674
	03-05	1,6	3,3				3,3	.3	.5			.7	1674
	06-08	2,8	3,7				3,7	1.0	2,4			2,8	1674
	09-11	3,5	5,4				5,4		.6			.6	1673
	12-14	9,1	7,5				7,5		.1			.1	1674
	15-17	7,7	6,5				6,5						1674
	18-20	3,9	5,7				5,7	.1				.1	1671
	21-23	3,0	4,9				4,9	.1	.1			.2	1669
TOTALS		4,3	5,1				5,1	.2	.5			.6	13383

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02	1.8	4.9				4.9	.3	.7			.8	1579
	03-05	2.1	5.8				5.8	.8	1.1			1.9	1577
	06-08	1.6	6.0				6.0	2.7	4.3			6.1	1598
	09-11	2.7	7.4				7.4	.4	1.2			1.8	1609
	12-14	6.1	10.1				10.1	.1	.4			.7	1609
	15-17	6.2	9.9				9.9	.3	.9			1.3	1593
	18-20	4.7	10.3				10.3		.4			.5	1579
	21-23	2.5	6.8				6.8	.1	.4			.4	1579
TOTALS		3.5	7.7				7.7	.6	1.2			1.7	12723

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826

STATION

HOMESTEAD AFB FLORIDA

STATION NAME

43,45,56-70

YEARS

OCT

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRFCIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.1	7.1				7.1	1.4	1.5			2.7	1581
	03-05	.8	8.2				8.2	3.7	4.0			6.8	1581
	06-08	.6	7.2				7.2	10.3	8.2			14.7	1580
	09-11	.7	5.5				5.5	1.3	4.5			3.1	1580
	12-14	1.4	7.5				7.5	.3	2.0			2.2	1581
	15-17	1.6	7.2				7.2	.5	1.1			1.5	1581
	18-20	1.1	7.9				7.9	.8	1.2			2.2	1579
	21-23	.9	6.8				6.8	.9	.9			2.0	1581
TOTALS		1.0	7.2				7.2	2.4	2.9			4.7	12644

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12826

HOMESTEAD AFB FLORIDA

43,45,56,70

NOV

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		3.2				3.2	4.2	1.3			5.2	1455
	03-05		3.3				3.3	8.9	1.9			10.2	1454
	06-08	.1	2.5				2.5	16.3	10.0			21.9	1455
	09-11		2.9				2.9	2.9	6.1			8.0	1455
	12-14	.1	3.4				3.4	.7	2.3			2.7	1455
	15-17	.1	3.2				3.2	.2	2.3			2.3	1455
	18-20	.3	2.3				2.3	.5	2.3			2.5	1455
	21-23	.2	2.4				2.4	1.4	1.9			3.0	1455
TOTALS		.1	2.9				2.9	4.4	3.5			7.0	11639

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12026 STATION HOMESTEAD AFB FLORIDA 43,56-70 YEARS DEC MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		3.2				3.2	6.1	3.2			8.7	1497
	03-05		2.6				2.6	8.9	4.0			11.7	1487
	06-08	.1	3.4				3.4	14.0	11.4			21.9	1488
	09-11		2.4				2.4	4.5	8.9			11.8	1487
	12-14	.1	2.9				2.9	.5	3.4			3.7	1487
	15-17		2.6				2.6	.5	2.0			2.5	1487
	18-20	.3	3.3				3.3	.7	2.1			2.7	1488
	21-23	.1	3.2				3.2	1.5	2.8			4.0	1488
TOTALS		.1	3.0				3.0	4.6	4.7			8.4	11899

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than  $5/8$  mile.



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
WEATHER CONDITIONS  
XXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

12826 HOMESTEAD AFB FLORIDA 56-70 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.5	37.1				37.1	35.9	37.3			49.1	434
FEB		4.6	35.2				35.2	29.9	32.7			44.8	395
MAR		6.2	35.7				35.7	21.4	19.8			31.1	434
APR		7.9	28.8			.5	28.8	18.3	23.8			29.8	420
MAY		25.6	49.3				49.3	10.6	15.0			20.3	434
JUN		47.2	67.4				67.4	7.8	9.6			13.5	436
JUL		46.7	65.6				65.6	1.9	5.8			6.7	465
AUG		50.5	67.1				67.1	2.4	5.8			6.7	465
SEP		44.2	72.4				72.4	6.7	10.7			14.2	450
OCT		18.3	59.4				59.4	19.6	18.3			26.5	465
NOV		3.6	38.4				38.4	28.7	24.4			36.4	450
DEC		1.9	34.8				34.8	24.3	30.1			38.7	465
TOTALS		21.6	49.3			.0	49.3	17.3	19.4			26.5	5313

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL\*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

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USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

12826 HOMESTEAD AFB FLORIDA

43-45, 56-70

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-02	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	61.1	15.3	2.4	6.5	3.2	5.4	2.2	2.6	1.3	.2				23.7	465	2.25	7.08	.11
FEB	66.4	13.9	2.0	4.6	2.2	4.0	2.7	3.1	1.1					19.7	452	1.82	5.77	.03
MAR	63.5	16.3	1.2	4.0	3.8	3.6	3.2	1.8	2.2		.2			20.2	496	2.60	1.45	.37
APR	70.2	15.4	2.3	2.5	2.1	1.9	1.5	1.7	2.3	.2				14.4	480	1.93	7.28	.05
MAY	49.0	19.4	1.7	5.5	3.6	4.7	4.6	3.8	6.3	.9	.6			31.7	527	7.09	3.32	.08
JUN	33.7	17.3	2.9	6.3	3.9	8.0	8.0	8.0	8.2	3.3	.2			49.0	510	10.77	20.65	2.76
JUL	31.7	21.8	2.7	6.8	5.1	11.0	8.5	5.9	5.9	.6				46.5	527	6.47	13.48	1.65
AUG	30.1	19.9	3.4	8.6	5.7	12.0	8.1	6.5	5.4	.4				50.0	558	5.93	13.65	1.89
SEP	25.3	17.3	4.7	9.4	6.1	10.0	10.4	10.6	4.3	1.6	.4			57.5	510	8.20	3.53	2.24
OCT	40.5	15.5	3.4	5.4	3.4	8.3	6.2	6.2	6.2	2.2	.4			44.0	496	8.93	14.27	.52
NOV	59.0	21.0	2.3	3.7	4.0	2.9	2.7	3.1	.8	.4				20.0	480	2.02	8.54	.07
DEC	63.5	16.9	3.2	5.4	3.2	3.2	2.4	1.2	.6	.2				19.6	496	1.32	3.75	.15
ANNUAL	49.5	17.5	2.7	5.7	4.0	6.2	5.0	4.5	3.7	.8	.1			33.0	5997	59.83		

## EXTREME VALUES

12226      HOMESTEAD AFB, FLORIDA  
STATION      STATION NAME

~~43, 45, 56, 70~~

STATION

STATION NAME

**YEARS**

MONTH	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		.45	.68	.10	1.96	4.17	3.61	2.13	1.21	4.30	1.22	.19	
44	.98	.03	.10	.14	1.34	1.31	2.15	.63	1.30				
45					.63	1.24		2.10					
46							2.34	1.30	2.86	1.68	.44	.45	
47	.38	2.40	.44	1.76	.81	4.39	2.19	3.00	1.80	1.78	.60	2.76	4.33
48	2.11	.79	1.78	.23	6.30	1.74	1.82	.83	.87	2.01	.66	1.05	6.23
49	.17	.31	1.81	.33	2.42	3.30	1.92	2.12	2.94	4.23	2.64	.81	4.21
50	.05	.41	.39	1.62	6.13	1.61	1.86	1.64	6.68	2.51	.72	.08	6.66
51	4.48	.23	.58	.02	3.07	2.38	.65	.72	.53	2.33	.33	.08	4.44
52	.53	.95	7.23	.67	1.49	4.39	1.49	1.29	1.52	.13	3.93	.33	7.23
53	.39	2.28	.22	.26	2.89	3.72	.87	1.08	3.38	1.87	.60	1.91	3.72
54	.31	.90	.50	3.88	.35	2.46	3.23	2.57	1.49	2.13	1.01	1.40	3.88
55	.20	.98	.46	.31	.04	3.16	1.23	.63	6.23	3.74	.73	.09	6.23
56	1.32	.62	2.02	1.59	1.01	3.61	1.73	1.03	1.08	2.87	.84	.33	3.83
57	.92	.62	1.27	.08	.35	3.30	1.73	1.14	2.08	6.21	.67	.33	6.21
58	.87	.73	.22	1.38	8.28	2.73	.87	1.32	4.23	3.05	.62	.17	8.28
59	1.19	1.83	2.10	2.18	2.08	3.16	1.33	1.40	2.58	3.32	.42	.97	3.16
60	.95	.61	1.48	.15	3.11	6.03	1.46	1.54	.80	1.39	.06	.14	6.03
61													
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USAF ETAC. FORM 0-88-5 (OLI)  
JUL 64

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## PRECIPITATION

(FROM DAILY OBSERVATIONS)

**YEARS**

1)

1

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/HAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

12226 HOMESTEAD AFB FLORIDA

56-70

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	100.0														434	0	0	0
FEB	100.0														395	0	0	0
MAR	100.0														434	0	0	0
APR	100.0														420	0	0	0
MAY	100.0														434	0	0	0
JUN	100.0														420	0	0	0
JUL	100.0														465	0	0	0
AUG	100.0														465	0	0	0
SEP	100.0														430	0	0	0
OCT	100.0														465	0	0	0
NOV	100.0														430	0	0	0
DEC	100.0														465	0	0	0
ANNUAL	100.0														5297	0		

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

## EXTREME VALUES

**SNOWFALL**  
(FROM DAILY OBSERVATIONS)

12226 HOMESTEAD AFB, FLORIDA

56-70

STATION

STATION NAME

YEARS

### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
56							.0	.0	.0	.0	.0	.0	
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	484	395	434	420	454	480	455	465	450	465	450	465	5297

## EXTREME VALUES

~~12826~~ STATION ~~HOMESTEAD AFB FLORIDA~~ STATION NAME

5070

**YEARS**

[illegible]

USAF ETAC FORM 0-88-5 (OLI)  
JUL 64



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

12826  
 STATION

HOMESTEAD AFB FLORIDA  
 STATION NAME

43-45-56-70  
 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02 .05	.06 10	11 25	26 50	51 100	101 2 50	2 51-5 00	5 01-10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	0 51 4	1 5 2 4	2 5 3 4	3 3 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5-25 4	25 5 50 4	OVER 50 4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13-24	25-36	37 48	49-60	61 120	OVER 120					
JAN	100.0														434			
FEB	100.0														452			
MAR	100.0														496			
APR	100.0														480			
MAY	100.0														527			
JUN	100.0														510			
JUL	100.0														527			
AUG	100.0														538			
SEP	100.0														510			
OCT	100.0														527			
NOV	100.0														480			
DEC	100.0														496			
ANNUAL	100.0														5977			

## EXTREME VALUES

## SNOW DEPTH

32226 HOMESTEAD AFB, FLORIDA  
STATION STATION NAME

**6855-5070**

**YEARS**

DAILY SNOW DEPTH IN INCHES

[illegible]



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AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART C

## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1968, and in tens of degrees starting in January 1969. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

12826 HOMESTEAD AFB FLORIDA

50-70

STATION

STATION NAME

YEARS

## DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56						N	23W	32E	38NE	37NE	34NW	34	
57	E	30W	33W	37E	29SW	29NW	27SW	38NE	30NE	31E	26NE	29NW	W 37
58	N	39SW	33SW	40NNW	33SW	30SW	26E	27NNW	32E	29E	29SE	24NNW	SW 50
59	WSW	31W	27W	38SW	32E	33SW	33NE	33NNW	30E	28SW	37E	28NNW	WSW 37
60	W	27W	29NW	37NE	28W	33N	33SW	20NE	29SE	26SW	24SW	29NNW	ESE 76
61	N	29W	32NNW	27SE	26N	37E	33E	28SE	24		33E	29	
62	NW	32W	28E	41NE	26N	40SE	49E	36W	39E	41SW	27N	28NNW	SE 49
63	NNW	24	N	34		3E	29SE	28SW	32NE	35SW	28NE	28	
64	SW	30NNW	39NW	29SW	31W	25W	27E	30N	44NE	42E	46NE	36NE	S 46
65	ESE	29SW	39W	36NNW	41NNW	42SE	29SE	29E	30NE	120N	32E	37SW	ENE 120
66	W	33E	34NE	31SW	34NNW	33E	43W	27NNW	31NW	28NE	69W	33NW	INNE 69
67	SW	31SW	34E	33ENE	34NE	36SW	46NE	37NNW	37SE	27NE	29NE	30NNW	WSW 46
68	NE	30SW	27NW	29N	48E	33E	3911/	3810/	2819/	3917/	6033/	3336/	IN 48
69	21/	32/	9/	2826/	32/	1/	29/	2228/	3013/	2810/	2622/	20/	21/ 32
70	34/	2418/	3118/	38/	2221/	49/	1/	2811/	2812/	2815/	34/	3/	21/ 49
MEAN	31.4	33.2	34.8	32.4	35.5	34.3	28.7	31.1	42.2	39.0	30.1	29.7	34.9
S.D.	7.219	4.394	5.466	6.047	8.282	7.983	5.063	5.236	5.769	11.343	4.104	4.603	24.021
TOTAL OBS.	428	389	423	384	400	380	453	453	411	426	413	458	4994

USAF ETAC FORM 0-88-5 (OLI)

## EXTREME VALUES

12226	HOMESTEAD AFB FLORIDA
STATION	STATION NAME

56570

**YEARS**

[illegible]

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.7	2.9	.9	.1	.0	.0	.0		.0	.0	9.3	6.4
NNE	.6	1.1	.8	.3	.0	.0		.0			.0	2.9	6.4
NE	.5	.8	1.0	.6	.1	.0		.0			.0	3.2	8.3
ENE	.7	1.5	2.4	2.0	.3	.0	.0	.0			.0	7.0	9.2
E	1.8	4.2	7.3	4.1	.4	.0	.0	.0	.0	.0	.0	17.7	8.4
ESE	1.2	2.7	4.5	2.2	.2	.0	.0			.0		10.8	8.1
SE	1.0	1.8	2.4	1.0	.1	.0	.0	.0	.0	.0		6.3	7.3
SSE	1.0	1.3	1.3	.5	.1	.0	.0	.0	.0	.0		4.3	6.7
S	1.2	1.7	1.5	.7	.1	.0	.0	.0				5.1	6.7
SSW	.7	.8	.8	.5	.1	.0	.0					2.8	7.3
SW	.6	.7	.6	.2	.1	.0	.0					2.2	6.7
WSW	.5	.6	.4	.2	.0	.0						1.7	6.5
W	.8	1.0	.7	.4	.1	.0	.0					2.9	6.5
WNW	.6	.7	.5	.2	.0	.0						2.0	6.3
NW	.7	1.0	.8	.3	.0	.0	.0					2.9	6.4
NNW	1.0	1.9	1.5	.6	.0	.0	.0					5.0	6.5
VARBL													
CALM												13.8	
	14.6	25.5	29.3	14.8	1.7	.2	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 145194

DATA PROCESSING DIVISION  
BTAC/USAF  
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026 STATION HOMESTEAD AFB FLORIDA 44,57-70 JAN NORTH  
STATION NAME YEARS  
ALL WEATHER CLASS  
ALL HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.1	6.1	1.7	.2	.0						14.7	7.2
NNE	.5	1.6	1.5	.6	.1	.0						4.2	7.4
NE	.6	.8	.8	.8	.1							3.1	8.0
ENE	.6	1.5	2.3	1.8	.3							6.5	9.1
E	1.4	3.2	5.0	2.5	.2							12.3	7.9
ESE	1.1	1.9	3.2	1.8	.1							8.0	8.0
SE	.6	1.4	2.0	.9	.0							4.9	7.6
SSE	.6	.9	.8	.6	.0							2.9	7.1
S	.9	1.4	1.7	.6	.2							4.8	7.3
SSW	.5	.8	.7	.5	.0	.0						2.5	7.0
WSW	.4	.5	.7	.2	.1							2.0	7.4
W	.9	1.3	1.1	.6	.1	.0						4.0	6.8
WNW	.4	.8	.8	.6	.1							2.7	7.8
NW	.7	1.7	2.1	.8	.1		.0					5.4	7.6
NNW	1.1	2.8	2.8	1.2	.1	.0						8.0	7.2
VARBL													
CALM												12.1	
	12.4	26.2	32.4	15.2	1.6	.1	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 10631



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.8	5.2	1.4	.1							13.3	6.9
NNE	.7	.9	1.1	.3	.0							3.1	6.5
NE	.4	.7	.8	.3	.1							2.5	7.8
ENE	.6	1.0	1.1	1.0	.2	.0						3.9	5.3
E	1.1	2.6	4.5	3.0	.3	.0						11.4	5.6
ESE	1.0	1.7	3.3	2.5	.2							8.7	6.8
SE	.8	1.7	2.4	1.8	.2	.0						6.9	6.5
SSE	1.1	1.4	1.9	1.3	.2							5.9	7.9
S	1.2	1.8	1.8	1.6	.3							6.7	8.0
SSW	.6	.9	1.1	1.1	.2	.1						3.9	8.8
SW	.5	1.0	.6	.6	.1	.0						2.9	7.7
WSW	.5	.7	.6	.4	.1							2.3	6.9
W	.8	1.2	1.2	1.0	.1	.1						4.5	8.1
WNW	.8	1.0	.9	.7	.2	.0						3.6	7.8
NW	.8	1.4	1.2	.6	.1							4.1	7.1
NNW	1.0	2.5	2.3	1.2	.1							7.0	7.3
VARBL													
CALM												9.2	
	13.7	25.4	29.9	18.9	2.5	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

10824

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 STATION HOMESTEAD AFB FLORIDA 43-44.57-70 YEARS MAR MONTH  
ALL WEATHER CLASS ALL HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.1	2.8	1.3	.1							9.1	7.5
NNE	.2	1.0	1.0	.5	.1							2.8	7.8
NE	.3	.7	.7	.6	.3	.0						2.6	9.3
ENE	.3	1.2	1.8	1.5	.6	.1						5.6	10.1
E	1.2	3.0	6.4	4.8	.7	.1						16.2	9.4
ESE	.8	2.3	4.4	2.9	.4	.1	.0					10.9	9.1
SE	.6	1.6	3.1	1.9	.1	.0						7.4	8.7
SSE	.9	1.9	2.2	1.2	.2	.0						6.4	7.8
S	1.1	2.2	2.1	1.8	.2	.0						7.3	8.0
SSW	.5	1.0	1.2	1.1	.3	.1	.0					4.2	9.3
SW	.5	.7	.5	.6	.1		.0					2.3	7.8
WSW	.4	.6	.5	.5	.2	.0						2.2	8.8
W	.9	1.4	1.0	.8	.2	.1						4.4	7.6
WNW	.5	1.1	.9	.6	.1	.0						3.3	7.7
NW	.4	1.1	1.3	.6	.1							3.5	7.8
NNW	.7	1.7	1.8	.6	.1							4.8	7.2
VARBL													
CALM												6.9	
	10.2	24.6	32.7	21.3	3.7	.5	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 11899

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 STATION HOMESTEAD AFB FLORIDA 43-44, 57-70 APR  
STATION NAME YEARS MONTH  
ALL WEATHER CLASS ALL  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	2.2	.9	.1							6.3	7.2
NNE	.3	.7	.5	.2	.0	.0						1.7	6.9
NE	.3	.4	.5	.8	.3							2.3	10.2
ENE	.4	.9	2.2	3.0	.7	.2						7.4	11.2
E	1.0	3.8	8.9	8.0	.7	.0						22.4	9.8
ESE	1.2	2.9	5.9	4.5	.6	.0						15.1	9.2
SE	1.0	1.9	3.4	1.9	.2							8.2	8.3
SSE	.9	1.4	1.9	.8	.1	.0						5.1	7.4
S	1.2	1.8	1.8	.9	.1							5.7	6.9
SSW	.8	.7	.8	.5	.1	.0						2.9	7.2
SW	.5	.6	.4	.5	.1	.0						2.1	7.5
WSW	.4	.6	.4	.3	.1	.0						1.8	7.6
W	.8	1.2	1.2	.6	.1	.0						3.9	7.2
WNW	.5	.8	.5	.2	.0	.0						2.2	6.5
NW	.5	.8	.5	.1	.0							2.0	6.0
NNW	.5	1.2	.8	.5	.0							3.0	6.8
VARBL													
CALM												8.0	
	11.1	21.6	32.0	23.8	3.2	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 11519

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 57-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.2	.2	.0		.0					5.0	5.5
NNE	.4	.6	.7	.1	.0							1.9	6.0
NE	.3	.5	1.0	.5	.1							2.4	8.6
ENE	.5	1.3	2.7	3.4	.4	.0						8.3	10.2
E	1.4	3.9	10.5	7.7	.7	.0						24.3	9.4
ESE	1.0	3.0	6.5	3.9	.4	.1						14.8	8.9
SE	.9	1.9	3.0	1.3	.1							7.2	7.8
SSE	1.2	1.3	1.5	.6	.0							4.7	6.5
S	1.4	2.2	1.7	.7	.0							6.0	6.3
SSW	.8	.9	1.1	.6	.0							3.4	7.0
SW	.7	.7	.6	.2	.0							2.2	5.9
WSW	.5	.7	.4	.3	.0							1.9	6.2
W	.6	.8	.5	.2	.1							2.3	6.3
WNW	.5	.5	.2	.1	.0							1.2	5.1
NW	.6	.6	.4	.1	.0							1.7	5.1
NNW	.9	1.1	.8	.2	.0	.0						3.0	5.6
VARBL													
CALM												9.7	
	13.2	22.2	32.8	19.9	2.0	.1	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 12643

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	.5	.1	.0							3.8	4.6
NNE	.6	.6	.3	.1	.0	.0						1.7	3.1
NE	.5	.7	.3	.3	.0							1.7	6.2
ENE	.7	1.1	1.4	1.1	.0	.0						4.3	7.9
E	1.9	3.8	7.3	5.2	.3	.0						18.8	8.7
ESE	1.8	3.7	5.6	2.6	.1	.0	.0					13.9	7.7
SE	1.6	2.8	3.0	.8	.0	.0						8.3	5.7
SSE	1.4	1.9	1.7	.6	.1	.0						5.7	6.3
S	1.9	2.6	1.9	.6	.1	.0						7.2	6.2
SSW	1.0	1.1	1.2	.7	.1	.0						4.2	7.3
SW	.8	1.2	.9	.5	.1	.0						3.6	6.4
WSW	.6	.8	.6	.2	.1	.0						2.3	6.3
W	.7	.9	.6	.2	.0							2.4	5.6
WNW	.6	.5	.3	.1	.0							1.5	5.0
NW	.7	.5	.2	.0								1.4	4.4
NNW	.9	.9	.4	.1	.0							2.3	4.7
VARBL													
CALM												17.1	
	17.2	25.1	26.3	13.1	1.1	.2	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 12744

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.2	.4	.0								3.2	4.2
NNE	.5	.7	.3	.0								1.6	4.6
NE	.5	.5	.2	.0								1.2	4.5
ENE	.7	1.1	.9	.2	.0							2.8	5.8
E	2.4	5.3	7.7	2.2	.1							17.8	7.2
ESE	2.2	4.5	7.2	2.2	.1							16.2	7.3
SE	1.9	3.1	3.7	.9	.0							9.6	6.5
SSE	1.6	2.0	1.5	.2	.0							5.4	5.5
S	1.7	2.3	1.5	.3								5.8	5.4
SSW	.9	1.1	.7	.3								3.0	5.8
SW	.8	.8	.5	.2								2.3	5.5
WSW	.4	.5	.4	.1								1.4	5.6
W	.8	.7	.4	.2	.0							2.1	5.4
WNW	.5	.4	.2	.1								1.3	5.1
NW	.7	.5	.2	.0								1.4	4.2
NNW	.9	1.0	.2	.1	.0							2.2	4.3
VARBL													
CALM												22.8	
	18.2	25.8	26.0	7.0	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 12642

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

12826 STATION HOMESTEAD AFB FLORIDA 43-45, 56-70 YEARS AUG NORTH  
ALL WEATHER CLASS ALL HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.4	.4	.1		.0						4.8	4.3
NNE	.9	.9	.2	.1	.0	.0						2.2	4.5
NE	.6	.8	.4	.1	.0	.0						2.0	5.5
ENE	.9	1.5	1.9	.7	.2	.0						5.2	7.4
E	2.8	5.8	8.1	2.6	.2	.0	.0					19.5	7.3
ESE	1.7	3.7	5.2	1.6	.0							12.2	7.2
SE	1.6	2.3	2.9	.6	.0							7.4	6.4
SSE	1.3	1.4	1.4	.3	.0							4.5	5.8
S	1.8	1.8	1.6	.3	.0							5.3	5.5
SSW	.7	1.0	.9	.3	.0	.0						2.9	6.3
SW	.0	.6	.6	.2	.0							2.3	6.0
WSW	.5	.6	.3	.1	.0	.0						1.6	5.4
W	.8	.8	.4	.1		.0	.0					2.2	5.3
WNW	.6	.4	.3	.1								1.4	5.0
NW	.7	.6	.3	.1	.0		.0					1.8	5.1
NNW	1.1	1.2	.4	.0	.0		.0					2.8	4.5
VARBL													
CALM												21.9	
	18.9	25.8	25.4	7.3	.6	.1	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 13383

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KN S) DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.5	.7	.2	.1	.0	.0	.0		.0	.0	6.9	5.2
NNE	1.0	1.6	.6	.1				.0			.0	3.3	5.2
NE	.6	1.3	1.0	.6	.1			.0			.0	3.7	7.7
ENE	1.0	2.0	3.5	1.8	.3	.1	.0	.0			.0	8.8	8.9
E	7.1	5.4	8.3	3.6	.3	.0		.0	.0	.0	.0	19.7	8.1
ESE	1.3	3.0	4.7	1.5	.1		.0			.0	.0	10.6	7.6
SE	1.1	1.6	1.0	.5	.0	.0		.0	.0	.0		5.1	6.7
SSE	1.0	1.2	1.1	.3	.0	.0	.0	.0	.0	.0		3.6	6.4
S	1.1	1.7	1.3	.4	.1	.1	.0	.0				4.7	6.9
SSW	.5	.7	.7	.4	.0	.0						2.4	7.1
SW	.5	.8	.6	.3	.1	.0						2.2	7.1
WSW	.7	.6	.3	.2	.0	.0						1.8	5.9
W	.9	.8	.3	.2	.0							2.4	5.4
WNW	.7	.6	.3	.1	.0							1.7	5.1
NW	.9	.9	.3	.1	.0							2.2	4.6
NNW	1.3	1.8	.6	.0	.0							3.7	4.6
VARBL													
CALM												17.4	
	16.8	27.5	26.2	10.2	1.3	.3	.1	.1	.0	.1	.1	100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 12723



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56, 70  
YEARS

DCT  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	6.4	3.5	.7	.0	.0	.0	.0				13.3	5.7
NNE	.8	1.5	1.2	.6	.1	.0	.0	.0				4.1	7.0
NE	.7	1.5	2.4	2.0	.3	.1						7.0	9.1
ENE	.7	2.4	4.6	3.7	.7	.1	.0	.0				12.3	9.7
E	2.3	5.5	7.6	2.7	.2	.0	.0					18.3	7.5
ESE	.9	2.1	2.4	.4	.0	.0	.0					5.9	6.7
SE	.7	1.2	1.1	.3	.0	.0	.0					3.4	6.7
SSE	.5	.9	.9	.3	.0							2.5	6.1
S	.6	1.0	.8	.3	.0	.0						2.6	6.4
SSW	.4	.4	.4	.2	.0	.0	.0					1.5	7.3
SW	.4	.5	.5	.3	.1	.0						1.8	7.0
WSW	.4	.4	.3	.1	.0	.0						1.2	6.1
W	.7	.9	.4	.3	.0							2.4	6.0
WNW	.7	.6	.3	.1	.0							1.7	5.1
NW	.7	1.2	.6	.3	.1	.0						2.9	6.2
NNW	1.3	2.6	1.5	.4	.0	.1	.0					5.9	6.3
VARBL													
CALM												13.0	
	14.4	29.0	28.7	12.7	1.7	.3	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

12645

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.9	5.3	1.9	.1							15.6	6.8
NNE	.6	1.5	1.3	.7	.0							4.2	7.0
NE	.7	1.2	2.1	2.1	.2	.1						6.2	9.1
ENE	.8	2.1	3.8	3.7	.6	.0						11.1	9.6
E	1.5	4.0	6.5	3.4	.4	.0						15.8	8.3
ESE	.7	1.2	2.0	.7	.0	.0						4.7	7.3
SE	.5	.7	.8	.2								2.2	6.3
SSE	.4	.6	.5	.2	.0							1.8	6.2
S	.6	.7	.5	.2								2.1	5.6
SSW	.6	.5	.4	.1								1.6	5.2
SW	.5	.4	.3	.2	.0							1.4	5.9
WSW	.4	.4	.2	.2	.0	.0						1.2	6.0
W	.8	.9	.7	.3	.0							2.7	5.9
WNW	.7	.7	.6	.1	.0							2.1	5.5
NW	1.0	1.6	1.4	.5	.0							4.5	6.4
NNW	1.7	3.0	3.6	1.6	.1							9.9	7.2
VARBL													
CALM												12.9	
	14.0	25.5	30.1	15.9	1.4	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 11639

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,56-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	6.3	6.7	2.3	.2							18.0	7.0
NNE	.8	1.5	1.6	.4								4.2	6.6
NE	.6	.9	1.5	1.1	.1							4.2	8.4
ENE	1.0	1.8	2.6	2.0	.1							7.5	8.3
E	1.6	3.9	5.7	3.1	.2							14.5	8.0
ESE	1.0	1.9	2.8	1.5	.2	.0						7.5	8.1
SE	.7	1.1	1.9	.7	.1							4.4	7.5
SSE	.7	.9	.7	.3								2.6	6.0
S	.6	.9	.7	.5								2.7	6.8
SSW	.5	.4	.6	.2	.0							1.7	6.4
SW	.4	.5	.4	.1	.0							1.5	6.3
WSW	.2	.5	.3	.1								1.2	6.1
W	.7	.7	.4	.3	.0							2.1	5.9
WNW	.6	.9	.6	.3	.0							2.3	6.3
NW	.8	1.5	1.8	.8	.1							5.0	7.4
NNW	1.1	2.9	2.8	1.5	.1	.0						8.5	7.4
VARBL													
CALM												12.1	
	13.8	26.8	31.1	15.0	1.2	.0						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 11902

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44,57-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	6.5	6.6	1.7	.1							17.0	6.9
NNE	.7	1.1	.7	.1	.2							2.7	6.2
NE	.3	.5	.6	.5								1.9	7.3
ENE	.6	1.0	1.3	.8								3.6	7.6
E	2.0	2.4	4.5	2.3	.2							11.3	7.7
ESE	1.1	2.1	2.9	.2								6.3	6.4
SE	.5	1.7	1.8	.6								4.6	7.0
SSE	.5	1.7	.7	.7								3.5	6.6
S	1.4	1.6	.8									3.7	4.7
SSW	.8	.8	.3									1.9	4.2
SW	.3	.4	.4									1.1	3.4
WSW	.8	.8	.2									1.8	4.0
W	1.5	1.9	.5	.2								4.1	4.8
WNW	1.1	1.0	.8									2.8	4.8
NW	1.1	2.6	2.3	.2								6.1	6.1
NNW	1.7	5.0	2.8	.5								10.0	6.0
VARBL													
CALM												17.8	
	16.2	31.0	26.9	7.7	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1331

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 HOMESTEAD AFB FLORIDA 44,57-70 JAN  
STATION MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	7.5	6.7	1.7	.2							19.0	6.6
NNE	.1	1.3	.5	.1	.1							2.2	6.7
NE	.4	.7		.4								1.5	6.6
ENE	.1	1.2	1.5	.5								3.3	8.1
E	1.2	2.2	3.4	1.4	.1							8.4	7.5
ESE	1.4	2.4	1.8	.7								6.3	6.1
SE	.6	2.2	1.6	.2								4.6	6.0
SSE	.6	1.0	.7	.4								2.8	6.6
S	1.2	1.6	.7	.2								3.7	5.2
SSW	.5	.3	.4	.1								1.3	5.4
SW	.5	.3	.3	.1	.1							1.7	5.5
WSW	.7	.3	.1									1.2	3.4
W	1.0	.7	.8	.2								2.8	5.6
WNW	.7	.9	.7	.2								2.5	5.8
NW	1.3	2.4	2.4	.1								6.1	6.0
NNW	2.3	4.4	4.5	.7	.1							12.0	6.2
VARBL													
CALM												20.6	
	15.9	29.2	26.2	7.2	.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1337

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44, 57-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	7.6	8.6	1.4	.1							21.4	6.5
NNE	.9	2.3	.7	.1	.1							4.2	3.6
NE	.7	.6	.6	.6								2.5	7.5
ENE	.2	.9	2.0	.6								3.7	8.0
E	1.6	2.2	3.3	.9	.1							8.1	7.1
ESE	1.0	1.9	2.5	.7								6.2	6.9
SE	.7	.7	1.7	.2								3.4	6.7
SSE	.5	.7	.7	.3								2.2	6.5
S	.7	1.0	.8	.2								2.8	5.9
SSW	.4	.8	.4	.3								1.9	6.2
SW	.4	.2	.4									1.0	5.4
WSW	.2	.4	.2	.1								1.0	5.4
W	1.5	.7	.7									2.9	4.2
WNW	.2	1.0	.5	.1	.1							1.9	6.8
NW	1.0	1.5	2.5	.4								5.5	6.6
NNW	1.6	3.4	3.3	.8	.3							9.4	6.9
VARBL													
CALM												21.9	
	15.3	26.2	29.1	6.8	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1336

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 HOMESTEAD AFB FLORIDA

44,57,70

JAN

ALL WEATHER

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	5.0	9.3	3.1	.2	.1						18.7	8.2
NNE	.7	2.7	1.9	.7	.2							6.1	6.9
NE	.4	.8	.5	.7								2.3	7.6
ENE	.3	.7	2.2	2.2	.5							5.9	10.6
E	.7	1.8	5.4	3.5	.2							11.6	9.3
ESE	.3	1.2	4.8	3.2	.2							9.7	9.8
SE	.2	.5	2.3	1.4								4.5	9.3
SSE	.5	.7	1.3	1.0								3.4	8.3
S	.5	.8	2.4	1.5	.3							5.5	9.1
SSW	.5	1.1	1.0	.9								3.5	7.5
SW	.2	.2	.8	.5	.5							2.0	10.7
WSW	.5	.3	.5	.5	.1							1.8	7.3
W	.2	.6	.7	.2								1.7	7.4
WNW	.2	.5	.8	.8	.1							2.3	9.7
NW	.2	1.1	2.4	1.9	.1							5.7	9.3
NNW	.5	2.4	4.2	2.1	.3	.1						9.6	8.9
VARBL													
CALM												5.8	
	6.6	20.3	40.3	24.2	2.6	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1324

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

4457-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	5.4	2.7	.3							10.9	9.2
NNE	.2	1.4	2.1	1.5	.1							5.2	8.8
NE	.5	.9	.6	.9	.4							3.3	9.3
ENE	.1	.7	3.3	3.7	1.1							8.9	11.6
E	.3	2.6	7.3	5.9	.2							16.3	9.6
ESE	.2	1.3	4.1	4.8	.2							10.7	10.4
SE	.1	1.1	2.6	2.7	.2							6.6	9.8
SSE	.1	.2	1.2	1.1	.1							2.6	10.6
S	.2	.5	3.6	1.6	.9							6.7	10.8
SSW	.2	.5	1.6	1.1	.1	.1						3.4	9.7
SW	.1	.5	1.5	.8	.4							3.2	10.5
WSW	.2	.3	1.1	.6	.2							2.5	9.4
W	.3	.6	1.7	1.4	.2	.1						4.2	10.0
WNW		.4	.8	1.7	.2							3.2	11.5
NW	.2	.5	2.3	1.8	.3							5.0	10.9
NNW		1.1	1.8	2.4	.2							5.5	10.1
VARBL													
CALM												1.8	
	2.8	14.5	41.0	34.7	5.0	.2						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 1322



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 STATION HOMESTEAD AFB FLORIDA 44,57,70 YEARS JAN MONTH  
1500-1700 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	3.9	1.4	.1							7.1	8.8
NNE	.3	.5	1.8	1.2	.2							4.0	9.6
NE	.1	.5	1.9	1.4	.4							4.2	11.0
ENE	.2	1.7	4.2	3.4	.7							10.2	10.3
E	1.0	4.2	9.3	3.4	.2							18.1	8.2
ESE	.5	2.1	6.5	2.6	.1							11.8	8.7
SE	.2	1.6	4.2	1.4								7.4	8.6
SSE	.4	.6	1.7	.9								3.6	8.7
S	.2	.8	3.9	1.1	.2							6.3	9.2
SSW	.1	.8	2.0	1.1								4.0	9.0
SW	.1	.3	1.5	.5								2.4	9.0
WSW		.1	.8	.5		.2						1.6	11.1
W	.1	.7	2.7	2.1	.2							5.8	10.2
WNW		.3	.9	1.4	.1							2.7	10.9
NW	.2	1.2	1.9	1.7	.3							5.3	9.9
NNW	.1	1.1	2.2	2.0	.1							5.5	9.4
VARBL													
CALM												.2	
	3.3	18.2	49.5	26.2	2.4	.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1319

DATA PROCESSING DIVISION  
 WTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026 STATION      HOMESTEAD AFB FLORIDA STATION NAME      44,57-70 YEARS      JAN NORTH  
 CLASS ALL WEATHER  
 HOURS (L S T.) 1800-2000  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.7	3.2	.2								9.3	6.1
NNE	.5	1.5	2.3	.5	.2							5.0	7.6
NE	1.4	1.6	1.2	1.1								5.3	6.8
ENE	1.7	4.1	2.4	1.8	.3							10.2	7.3
E	3.2	5.8	3.6	1.1	.2							13.8	5.9
ESE	2.4	2.5	1.6	.7								7.1	5.4
SE	1.4	1.6	1.1	.1								4.1	5.0
SSE	1.2	1.3	.4									2.9	4.1
S	2.3	3.4	1.0	.2								6.8	4.8
SSW	.7	1.1	.2	.1								2.1	4.5
SW	1.0	1.1	.7									2.7	4.8
WSW	.9	1.6	.8	.1								3.3	5.0
W	.8	2.5	1.4	.5								5.2	6.2
WNW	.5	.9	1.1	.2								2.8	6.8
NW	.8	1.6	1.2	.3			.1					4.0	6.6
NNW	1.1	2.7	1.8	.1	.1							5.8	5.9
VARBL													
CALM												9.7	
	20.9	37.8	23.8	7.0	.7		.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1329

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44, 57-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.8	5.1	1.1	.2							14.1	6.7
NNE	.3	1.7	1.8	.2		.1						4.1	6.9
NE	.8	1.1	1.1	.7								3.7	6.7
ENE	1.6	1.5	1.8	1.5	.1							6.5	7.3
E	1.4	4.3	3.6	1.5	.3							11.1	7.2
ESE	1.3	1.7	1.8	1.2								6.0	7.2
SE	.9	1.9	1.2	.5	.1							4.5	6.3
SSE	.8	1.1	.1	.1								2.0	4.1
S	1.1	1.4	.5									2.9	4.6
SSW	.9	.7		.1								1.7	3.7
SW	.6	.9		.1								1.6	4.0
WSW	.9	1.3	.3	.1								2.6	4.4
W	2.1	2.5	.5	.1								5.2	4.3
WNW	.4	1.7	1.0	.2								3.2	6.0
NW	.9	2.6	1.7	.2								5.4	5.9
NNW	1.6	2.3	1.9	.8								6.6	6.1
VARBL													
CALM												19.0	
	17.6	32.3	22.4	8.2	.6	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1333

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	6.3	6.0	.8								15.6	6.2
NNE	.3	.7	.4	.1								1.5	5.6
NE	.4	.5	.4	.1								1.3	5.9
ENE	.7	.5	.5	.7								2.4	7.2
E	.7	2.4	2.8	1.8	.2							8.0	8.1
ESE	1.2	1.4	3.3	2.1								8.0	8.2
SE	.8	2.1	1.7	1.3								6.0	7.3
SSE	1.6	2.1	1.6	.6								5.8	5.8
S	1.7	1.3	1.3	.4								4.7	5.6
SSW	.8	1.2	.4	.2	.2							2.8	6.1
SW	1.1	1.1	.1									2.4	3.7
WSW	.7	.6	.1									1.4	3.5
W	2.1	1.8	.4	.1								4.4	4.3
WNW	1.0	1.7	.7	.7								4.0	6.1
NW	1.0	3.7	1.2	.4								6.4	5.7
NNW	1.8	3.0	1.8	.7	.1							7.5	6.0
VARBL													
CALM												17.8	
	18.5	30.6	22.5	10.1	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1353

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	7.7	7.1	1.0	.1							19.8	6.2
NNE	.9	1.0	.4									2.2	4.4
NE	.6	.1	.2									.9	3.8
ENE	.7	.4	.4	.1								1.5	4.8
E	1.1	2.2	2.8	1.8	.1							8.0	7.9
ESE	1.5	1.5	2.7	1.5								7.2	7.4
SE	1.3	2.1	1.9	1.0								6.3	7.0
SSE	1.1	1.8	1.4	.5								4.8	6.3
S	1.3	2.8	1.5	.4								6.0	5.6
SSW	.8	1.1	.7	.4	.1							3.2	6.8
SW	.4	.9	.4									1.7	4.9
WSW	.7	.7	.2									1.7	4.1
W	1.0	1.1	.4	.1								2.5	4.5
WNW	.9	1.0	.3									2.1	4.4
NW	1.5	2.0	1.3	.2								5.1	5.4
NNW	1.6	5.8	3.3	.9	.1							11.7	6.2
VARBL													
CALM												15.3	
	19.5	32.1	24.9	7.9	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1356

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	9.1	8.0	1.6	.1							22.9	6.4
NNE	1.3	2.0	1.1	.1								4.5	5.0
NE	.2	.4	.3									1.0	5.7
ENE	.7	.4	.3	.1								1.6	5.5
E	.9	1.6	1.9	1.8	.1							6.2	8.0
ESE	1.0	1.4	2.4	1.6								6.5	8.0
SE	.9	1.8	2.2	1.3	.1							6.3	7.7
SSE	1.2	1.7	2.2	.6								5.7	6.4
S	1.1	2.5	1.7	.6								5.9	6.2
SSW	.8	.4	.7	.1	.1							2.1	6.0
SW	.7	.6	.1	.2								1.6	4.9
WSW	.3	.4	.3	.1								1.1	5.3
W	.1	.5	.4	.2	.1							1.4	7.6
WNW	1.5	.8	.6	.2	.1							3.2	5.2
NW	1.3	1.5	1.0	.1	.1							3.9	5.2
NNW	1.7	4.1	3.0	1.1	.1							10.0	6.5
VARBL													
CALM												16.2	
	17.9	29.2	26.4	9.7	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1354

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.1	6.9	3.2	.5							16.9	8.2
NNE	1.3	1.3	2.6	.6	.1							5.8	6.9
NE	.4	.9	1.2	.3	.3							3.2	7.6
ENE	.1	.6	.6	.7	.4	.2						2.6	11.4
E	.4	1.4	4.1	3.7	.1	.1						9.8	10.0
ESE	.2	1.3	2.8	4.6	.7							9.5	11.0
SE	.1	.5	2.8	2.4	.4	.1						6.3	10.7
SSE	.1	1.0	2.1	2.7	.5							6.3	10.9
S	.3	.9	2.3	3.9	.9							8.3	11.3
SSW	.4	.7	1.6	2.2	.1							5.1	9.9
SV	.5	.5	1.0	.7	.2	.1						3.0	9.0
WSW	.2	.7	1.0	.4	.1							2.5	8.0
W	.1	.8	.9	1.0	.1							2.9	9.2
WNW	.1	.4	.6	.4	.2							1.8	9.6
NW	.5	.7	1.3	1.5	.3							4.3	9.3
NNW	.7	1.6	3.1	2.5	.2							8.1	9.1
VARBL													
CALM												3.6	
	6.6	18.6	35.0	30.7	5.2	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1353

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	3.6	1.5								6.7	8.5
NNE	.4	.9	1.1	.8	.1							3.3	7.9
NE	.1	.7	.8	.9	.2							2.7	10.0
ENE	.3	.8	1.9	2.1	.4	.1						5.5	10.4
E	.2	3.3	5.9	4.6	1.0							15.1	9.8
ESE	.2	1.3	4.4	5.5	.7							12.1	11.0
SE	.1	.6	3.6	3.6	.7	.1						8.7	11.4
SSE	.4	.3	2.1	2.3	.7							6.1	11.5
S	.2	.3	1.8	3.6	1.3							7.4	12.4
SSW	.2	.9	1.3	3.0	.7	.4						6.4	12.3
SW	.1	.4	1.3	1.3	.7	.1						4.1	11.8
WSW	.1	.4	.7	.8	.1							2.2	10.1
W	.4	.3	1.3	1.6	.4	.4						4.2	11.5
WNW	.1	.4	1.2	1.3	.2	.1						3.3	11.1
NW	.3	.4	1.9	1.6	.3							4.4	10.2
NNW	.2	.9	2.9	2.1	.3							6.4	10.0
VARBL													
CALM												1.0	
	3.7	13.5	33.7	36.9	7.8	1.3						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 1352



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	2.3	1.3	.2							4.9	9.5
NNE		.1	1.4	.4								2.0	9.1
NE	.1	.4	1.0	1.7								3.3	10.6
ENE	.2	.9	2.3	2.4	.4							6.3	10.3
E	.4	3.3	8.3	5.8	.4	.1						18.3	9.4
ESE	.1	2.2	5.2	3.3	.4							11.3	9.4
SE	.1	1.4	4.3	3.4	.1							9.3	9.8
SSE		.8	2.9	2.7	.2							6.7	10.5
S	.2	.8	2.4	3.3	.2							7.9	10.3
SSW		.5	2.5	2.7	.3	.1						6.1	11.3
SW		.3	1.4	2.1	.1	.2						1.1	11.7
WSW	.1	.2	.3	1.3	.4							2.4	12.1
W	.1	.1	1.1	3.4	.3	.2						3.4	13.2
WNW	.1	.8	.9	1.5	.7	.1						4.1	11.8
NW	.2	.4	1.5	.8	.1							3.0	9.2
NNW	.3	1.5	1.9	1.2	.1							5.0	8.5
VARBL													
CALM												.1	
	2.1	14.8	40.7	37.5	4.1	.7						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 1353

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 97-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	2.0	.6								8.1	6.5
NNE	.4	.9	1.3	.4								3.0	6.8
NE	.8	1.1	1.3	.8								4.1	7.0
ENE	1.3	3.3	1.8	.9	.1							7.5	6.4
E	2.7	3.6	5.1	1.9	.2							14.6	7.3
ESE	1.8	2.6	2.5	.3	.1							7.2	5.8
SE	1.6	2.7	1.6	.7								6.7	6.1
SSE	2.4	2.1	1.5	.4								6.5	5.3
S	2.6	3.8	1.8									8.2	4.8
SSW	1.0	2.0	1.1									4.1	5.3
SW	.3	2.1	.7	.1								3.2	5.5
WSW	.6	.8	1.4	.2								3.0	6.5
W	.5	2.6	3.9	1.4	.1							8.5	8.1
WNW	.7	1.0	1.0	1.0	.1							3.8	8.5
NW	.5	.7	.7	.2	.1							2.2	6.7
NNW	.7	1.2	1.0	.5								3.5	6.5
VARBL													
CALM												5.8	
	19.3	33.7	30.9	9.5	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1352

DATA PROCESSING DIVISION  
BTAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826  
STATION

HONESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.5	4.7	1.0								11.5	6.6
NNE	.7	.5	.7	.4								2.3	6.6
NE	.6	1.1	1.2	.2	.1							3.3	6.8
ENE	1.0	1.3	.0	.6								3.8	6.4
E	2.3	2.8	3.6	2.7	.1							11.5	7.6
ESE	1.6	2.1	2.8	1.3	.1							8.0	7.3
SE	1.7	2.1	1.0	.6	.1							5.5	5.7
SSE	2.2	1.6	1.3	.3								5.3	5.3
S	1.9	1.9	.9	.4								5.0	5.0
SSW	.9	.6	.1	.1								1.7	4.1
SW	1.3	1.9	.1									3.3	3.8
WSW	1.3	1.9	.4									3.8	4.3
W	2.4	2.4	1.3	.4								5.6	5.2
WNW	1.9	2.2	1.9	.7								6.8	5.9
NW	.7	1.6	.9	.3								3.5	6.2
NNW	.7	1.9	1.1	.4								4.1	6.1
VARBL													
CALM												14.1	
	22.4	30.4	23.2	9.3	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1351

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

49-44, 57-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.0	4.9	.6	.1							11.5	6.6
NNE	.3	1.2	.4	.2								2.1	6.2
NE	.1	.2	.3	.3	.3							1.3	10.4
ENE	.4	1.5	1.0	.6	.3	.1						3.8	8.4
E	1.5	3.7	6.3	2.9	.5							14.9	8.3
ESE	1.2	2.9	4.7	2.0	.2							11.0	7.9
SE	.3	1.8	2.5	.5	.2							5.3	7.8
SSE	1.1	2.0	1.8	.5	.3							5.7	6.9
S	1.6	3.3	2.0	.4								7.3	5.7
SSW	.6	1.0	.5	.1								2.2	4.9
SW	.8	.8	.2	.1								1.6	4.4
WSW	.7	.5	.2	.1								1.5	4.5
W	2.3	1.6	.5	.2								4.6	4.4
WNW	.7	2.4	.6	.3								3.9	5.5
NW	1.1	2.4	2.0	.4								5.9	6.1
NNW	.9	2.4	1.7	.3								5.2	6.0
VARBL													
CALM												12.3	
	15.4	31.5	29.4	9.4	1.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1484

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	5.1	5.4	1.1								13.4	6.7
NNE	.2	1.2	.9									2.4	5.8
NE	.2	.9	.3	.3	.1							2.0	7.8
ENE	.1	.9	1.1	.9	.3	.1						3.4	10.1
E	1.3	2.7	4.6	1.5	.1	.1						10.4	7.9
ESE	1.7	3.1	4.4	1.3	.2							10.7	7.3
SE	.8	1.9	2.6	.7								6.1	7.0
SSE	1.3	2.8	1.7	.4	.2							6.4	6.2
S	2.3	3.0	2.2	.1								7.6	5.1
SSW	.9	1.1	.9	.1								3.0	5.6
SW	.3	1.1	.1	.1								1.8	4.6
WSW	.5	.4	.1									.9	3.9
W	1.3	1.1	.5	.1	.1							3.1	4.6
WNW	1.1	1.3	.5	.1								3.1	4.6
NW	1.0	1.5	1.2	.6								4.3	6.3
NNW	1.2	3.4	2.8	.4								7.9	6.3
VARBL													
CALM												13.6	
	16.2	31.6	29.3	7.9	1.0	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1487

DATA PROCESSING DIVISION  
 WTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

12026  
 STATION

HOMESTEAD AFB FLORIDA  
 STATION NAME

43-44, 57-70  
 YEARS

MAR  
 MONTH

ALL WEATHER  
 CLASS

0600-0800  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	6.3	6.2	2.5	.1							16.3	7.3
NNE	.6	1.4	.8	.2	.1							3.1	6.0
NE	.3	.9	.2	.3	.1							1.7	6.8
ENE	.4	.4	1.1	.6	.4							2.9	9.2
E	.8	1.9	3.6	2.6	.4	.1						9.5	9.2
ESE	.6	2.2	4.1	1.5	.4	.1						8.9	8.6
SE	1.1	2.4	3.4	.8	.1	.1						7.8	7.4
SSE	1.2	2.8	1.9	.9	.1							6.9	6.7
S	1.0	3.1	1.9	.7								6.7	6.2
SSW	.7	1.5	1.1	.1	.1							3.5	6.0
SW	.5	.9	.4	.1								1.9	5.3
WSW	.3	.7	.2	.1								1.3	5.7
W	.7	.9	.3	.1								1.9	4.9
WNW	.7	1.1	.4									2.2	4.6
NW	.6	1.3	.8	.5	.1							3.4	6.7
NNW	1.5	3.0	2.2	.8								7.5	6.2
VARBL													
CALM												14.4	
	12.4	30.8	28.6	11.8	1.7	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026 STATION HOMESTEAD AFB FLORIDA 42-44, 57-70 YEARS MAR MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	5.8	3.3	.3							13.2	8.8
NNE	.2	1.5	1.8	.7	.4							4.6	8.6
NE	.3	.5	.9	.3	.1	.1						2.3	8.9
ENE	.1	.7	1.3	1.7	.6	.1						4.6	11.4
E	.3	1.1	4.6	5.7	1.3	.3						13.3	11.6
ESE	.2	.7	4.0	5.2	.9	.1	.2					11.3	11.7
SE	.1	.7	3.0	4.4	.4							8.6	11.1
SSE	.1	.5	2.4	2.2	.3	.1						5.9	10.8
S	.2	1.0	2.8	4.4	.3	.1						8.9	11.3
SSW	.1	.7	2.2	2.0	.9	.2						6.0	11.8
SW	.3	.3	.7	1.1	.1							2.6	10.0
WSW	.3	.3	1.3	.9	.3							3.2	10.0
W	.5	.7	.9	.6	.2							2.9	8.4
WNW	.3	.3	.5	.7	.1							2.1	9.6
NW	.3	.5	1.4	.4	.3							3.1	9.5
NNW	.5	.9	2.5	1.9	.1							5.8	9.3
VARBL													
CALM												1.7	
	4.2	14.1	35.9	35.7	7.0	1.1	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

# SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	2.5	1.3	.1							5.2	9.1
NNE	.1	.4	1.2	1.1	.1							2.9	10.1
NE	.2	.3	.6	.9	.7	.1						3.1	12.2
ENE	.2	.7	2.4	2.7	.9	.2						7.0	11.8
E	.4	1.6	7.8	8.7	2.1	.1						20.8	11.3
ESE	.1	.3	5.0	6.3	.6	.3						12.9	11.7
SE	.1	.7	3.9	4.8	.1							9.6	11.1
SSE		.3	1.6	2.3	.4							4.8	11.7
S	.1	.3	1.6	4.4	.7	.1						7.5	12.3
SSW	.1	.3	1.7	3.3	1.1	.3	.1					7.2	13.3
SW		.3	.9	1.3	.2		.1					2.8	12.0
WSW		.3	.4	1.2	.3	.1						2.7	13.6
W	.1	.3	.6	1.4	.3	.2						3.4	12.7
WNW	.1	.3	1.1	1.2	.1							3.0	10.8
NW		.7	1.3	1.3								3.4	9.8
NNW	.2	.6	1.6	1.1	.1							3.7	9.7
VAR-L													
CALM												.2	
	1.9	9.7	34.2	43.9	8.4	1.3	.1					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

1488



DATA PROCESSING DIVISION  
 RTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 STATION HOMESTEAD AFB FLORIDA 43-44, 57-70 YEARS MAR MONTH  
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.8	.5								1.9	9.1
NNE		.3	.7	1.0	.1							2.1	11.6
NE	.1	.2	.7	.7	.3							2.1	11.2
ENE	.1	.9	2.5	3.6	1.1	.2						8.3	11.9
E	.3	2.9	8.5	9.8	.5							22.0	10.4
ESE	.1	1.5	5.6	4.8	.5	.1						12.6	10.3
SE	.2	.9	4.9	3.2	.1							9.3	9.8
SSE	.1	.7	2.3	2.3	.1							6.3	10.0
S	.1	.9	3.3	3.6	.3							8.3	10.6
SSW	.1	.4	2.3	2.6	.5							5.9	11.1
SW		.1	1.1	1.9	.1							3.3	11.5
WSW	.1	.1	.7	1.5	.7	.1						3.2	13.6
W		.5	1.0	2.2	.8	.1						4.6	12.9
WNW		.4	1.2	.9	.7	.3						3.5	12.2
NW	.1	.3	1.2	1.0	.1							2.8	10.1
NNW		.9	1.9	.2	.3							3.3	9.0
VARBL													
CALM												.3	
	1.2	11.6	39.8	40.0	6.2	.8						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	1.5	.5								4.0	6.9
NNE	.2	.7	1.0	.4	.1							2.4	8.1
NE	.4	1.1	1.5	.7	.5							4.3	9.1
ENE	.9	2.4	3.6	1.3	.5	.1						8.9	8.3
E	2.4	5.8	8.1	3.4	.4	.1						20.2	7.7
ESE	1.3	3.6	4.2	.7	.2							10.0	7.0
SE	.7	2.8	2.9	.4								6.9	6.5
SSE	2.2	3.6	3.0	.3								9.2	5.6
S	1.7	3.1	1.7	.5	.1							7.0	5.3
SSW	.5	2.2	.9	.2								3.8	6.0
SV	.7	1.0	.8	.1								2.6	5.7
WSW	.2	1.0	.7	.3								2.2	6.8
W	.8	2.2	3.2	1.6	.1							8.0	8.0
WNW	.2	.3	1.3	1.1	.2							3.3	9.7
NW	.1	.5	.6	.3								1.5	8.0
NNW	.3	1.1	.7	.3								2.4	6.4
VARBL													
CALM												3.5	
	13.2	33.3	35.6	12.2	2.1	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44.57-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	3.3	.7								7.6	6.9
NNE	.4	1.2	1.1	.2								2.9	6.3
NE	.9	1.2	1.0	1.0	.2							4.3	8.1
ENE	.5	1.9	1.8	.9	.6							5.7	8.3
E	2.1	4.6	7.5	3.8	.4	.2						18.6	8.3
ESE	1.3	3.8	3.4	1.1	.2							9.9	7.1
SE	1.4	2.1	1.8	.3								5.6	5.9
SSE	1.5	2.2	1.8	.2	.1	.1						6.0	6.1
S	1.5	2.6	1.4	.1								5.6	5.2
SSW	.9	.8	.2	.4								2.4	5.5
SW	.9	.9	.1	.1								2.0	4.1
WSW	.8	1.5	.1									2.5	4.0
W	1.7	3.4	1.2									6.4	4.8
WNW	1.0	2.3	1.9	.3								5.4	6.0
NW	.1	1.3	1.3	.5								3.2	7.8
NNW	.7	1.2	.9									2.8	5.2
VARBL													
CALM												9.1	
	16.8	33.9	28.9	9.5	1.5	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 HOMESTEAD AFB FLORIDA

43-44, 57-70

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	3.4	.8								8.1	6.6
NNE	.2	.8	.3	.1								1.4	5.7
NE	.3	.5	.3	.6	.1							1.8	8.0
ENE	.4	.6	1.3	1.3	.3	.1						4.1	10.2
E	2.1	4.6	7.8	5.6	.4							20.5	8.6
ESE	1.9	4.1	5.4	3.6	.2							15.2	8.0
SE	1.3	1.5	1.3	1.0								5.1	6.5
SSE	1.2	1.8	1.1	.1								4.2	5.4
S	1.6	2.2	.7	.2								4.7	4.7
SSW	1.5	.3	.8	.3								2.9	5.0
SW	.8	.6	.1									1.5	3.7
WSW	.8	.5	.1									1.3	3.3
W	1.2	1.8	.2									3.2	4.0
WNW	1.3	1.8	.7	.1								3.9	4.8
NW	.8	1.7	.6	.2								3.3	5.3
NNW	1.0	1.7	.6	.2								3.5	5.4
VARBL													
CALM												15.2	
	17.7	27.2	24.7	14.0	1.0	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

1439

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026 STATION HOMESTEAD AFB FLORIDA STATION NAME 43-44, 57-70 YEARS MONTH APR  
CLASS ALL WEATHER HOURS (LST) 0300-0500  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.1	3.3	.8								10.5	6.0
NNE	.4	.6	.4			.1						1.5	5.7
NE	.3	.6	.3	.3								1.6	7.5
ENE	.5	.6	1.9	.8	.3							4.0	8.8
E	1.5	3.5	6.0	4.4		.1						15.3	8.7
ESE	1.0	4.0	5.8	2.3	.1							13.2	7.8
SE	1.2	3.4	2.8	.8								8.3	6.6
SSE	1.0	1.2	1.2	.1								3.5	5.4
S	1.5	1.9	.8	.3								4.6	5.2
SSW	1.5	.3	.5	.1								2.4	3.9
SW	1.0	.7	.3									1.9	4.2
WSW	.5	.4	.2									1.1	4.2
W	1.0	.8	.1	.1								1.9	4.0
WNW	1.2	1.2	.3	.1								2.8	4.2
NW	1.2	1.9	1.0									4.2	5.2
NNW	1.4	2.7	.9	.8								5.8	5.8
VARBL													
CALM												17.4	
	17.6	27.8	25.8	10.8	.4	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.0	4.2	1.1	.1							11.6	6.6
NNE	.6	1.0	.5									2.2	4.6
NE	.5	.5	.3	.6	.1							1.9	7.6
ENE	.3	.7	1.1	2.7	.4	.1						4.6	11.1
E	1.0	2.4	6.3	5.0	.1							14.9	9.2
ESE	1.0	2.7	5.1	3.9	.3							12.9	8.9
SE	1.2	2.3	4.1	1.8	.2							9.7	7.8
SSE	.8	1.1	1.3	.3								3.7	6.6
S	1.2	1.9	1.2	.5								4.9	5.9
SSW	1.0	.6	.8	.4								2.7	6.0
SW	.7	.8	.3									1.7	4.0
WSW	.5	.9	.3	.1								1.8	5.0
W	1.0	.7	.3	.1								2.0	4.4
WNW	.5	.5	.1	.1								1.2	5.4
NW	.8	1.2	.7	.1								2.8	5.4
NNW	1.0	3.1	1.6	.6								6.2	6.0
VARBL													
CALM												15.1	
	14.3	24.4	28.4	16.5	1.2	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

1440

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 STATION      HOMESTEAD AFB FLORIDA STATION NAME      43-44.57-70 YEARS      APR MONTH  
ALL WEATHER CLASS      0900-1100 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	2.4	2.1	.1							7.3	6.6
NNE	.3	.9	.8	.9								2.9	5.0
NE	.3	.2	.6	.8	.2							2.1	10.3
ENE	.6	.7	1.9	3.2	.9	.2						7.4	11.8
E	.6	2.4	6.9	9.1	1.4	.1						20.3	10.9
ESE	.2	1.6	6.2	8.1	1.1	.1						17.4	11.2
SE	.3	.8	3.8	4.2	.7							9.9	10.9
SSE	.2	.9	2.2	1.8	.2							5.3	9.8
S	.3	1.3	2.4	1.5	.3							6.2	9.0
SSW	.3	1.3	1.2	.8	.3	.1						4.0	9.2
SW	.1	1.0	.4	1.3								2.9	8.9
WSW	.2	.7	1.1	.3	.2							2.5	8.5
W	.7	1.0	.8	.3	.2							2.9	7.0
WNW	.3	.4	.6	.3								1.6	7.0
NW	.4	.6	.5	.3	.1							1.9	7.1
NNW	.3	.9	1.3	.9	.1							3.5	8.6
VARBL													
CALM												1.7	
	6.2	16.7	33.1	35.9	5.9	.4						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	1.5	.5	.3							2.7	9.8
NNE		.2	.1	.3	.1							.7	10.2
NE	.1	.4	.5	.6	.7							2.2	12.9
ENE		.6	2.1	4.7	1.2	.7						9.4	13.3
E	.1	2.7	9.7	12.2	1.8	.1						26.3	11.2
ESE	.1	1.3	7.6	9.5	1.2	.1						19.8	11.2
SE	.1	1.0	5.6	3.9	.4							11.0	10.3
SSE	.1	.6	2.2	2.1	.2	.1						5.3	10.3
S	.3	.3	3.1	2.1	.1							6.0	9.8
SSW		.6	1.3	1.3	.3							3.5	11.0
SW	.1	.4	.8	1.5	.3	.1						3.2	11.7
WSW	.1	.3	.6	.5	.2	.1						1.9	10.5
W	.1	.6	1.1	.6	.3	.1						2.8	10.7
WNW	.1	.3	.6	.4	.1	.1						1.7	10.7
NW		.2	.6	.2								1.0	9.4
NNW	.1	.3	.6	.7								1.7	9.4
VARBL													
CALM												.4	
	1.6	10.1	37.9	41.2	7.4	1.2						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 1440



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12025  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.3	.8	.2							1.8	11.0
NNE	.1	.2	.3	.1								.7	8.5
NE		.1	.3	.9	.8							2.1	14.7
ENE		.8	3.7	5.1	2.1	.2						11.8	12.7
E	.3	2.0	11.1	13.2	1.0	.1						27.6	11.0
ESE	.1	1.2	9.0	5.3	.8							16.4	10.3
SE		1.6	6.0	2.7	.1							10.4	9.2
SSE	.1	.7	3.6	1.4	.3							6.1	9.7
S	.3	.8	4.5	2.4								8.0	9.2
SSW		.3	1.3	.8	.1							2.5	10.4
SW	.1	.2	.8	1.2	.2							2.6	11.3
WSW		.1	.3	1.0	.3	.1						2.0	13.6
W		.1	1.6	2.5	.1							4.3	11.7
WNW	.1	.3	.6	.4	.1	.1						1.6	10.4
NW			.4	.2	.1							.7	10.8
NNW	.1	.2	.4	.5								1.2	9.8
VARBL													
CALM												.2	
	1.1	9.1	44.2	38.7	6.1	.6						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION  
ETAC/USAF  
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

WIND (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	1.2	.3								2.7	7.5
NNE	.1	.6	.8	.3								1.7	8.6
NE	.3	.3	1.0	2.2	.3							4.1	11.2
ENE	.6	2.2	4.2	4.1	.3							11.4	9.6
E	1.0	6.4	12.0	6.9	.4							26.7	8.8
ESE	2.1	4.7	4.8	1.2	.2							12.9	6.7
SE	1.7	2.7	2.5	.6								7.4	6.1
SSE	1.7	3.5	2.5	.3								8.0	5.7
S	2.1	3.7	1.3	.1								7.2	4.9
SSW	.6	1.0	.6	.1								2.3	5.3
SW	.3	.7	.3	.1								1.5	5.7
WSW	.2	.6	.5	.2	.1	.1						1.8	7.6
W	.4	1.5	3.9	1.2	.1							7.0	8.3
WNW	.2	.6	.3	.2	.1							1.5	8.1
NW	.1	.1	.3	.1	.1							.6	9.1
NNW	.1	.2	.1	.2								.7	7.8
VARBL													
CALM												2.5	
	11.8	29.6	36.5	17.9	1.7	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	2.2	.8								5.6	7.3
NNE	.5	1.0	1.2	.2								2.9	6.3
NE	.4	.7	.9	.3	.1							2.4	7.5
ENE	.6	1.4	1.2	2.7	.3							6.3	9.3
E	1.5	6.0	11.3	7.9	.6							27.3	8.9
ESE	2.8	3.6	3.3	2.4	.7							12.9	7.5
SE	1.9	1.5	.6	.1								4.2	4.5
SSE	2.2	1.6	.7	.1								4.6	4.6
S	1.9	1.8	.3									4.0	4.0
SSW	1.5	1.0	.2	.1								2.8	4.1
SW	1.0	.6										1.6	3.2
WSW	.7	.8	.2									1.7	4.2
W	1.9	3.3	1.4	.1								6.7	5.0
WNW	.6	1.4	.7	.2								2.9	5.7
NW	.6	.8	.2									1.6	4.7
NNW	.2	.2	.5	.2								1.1	7.8
VARBL													
CALM												11.3	
	18.7	27.8	25.2	15.3	1.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 57-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.5	1.1	.1								5.4	4.9
NNE	.3	.5	.3	.1								1.1	5.2
NE	.3	.4	.3	.2	.1							1.1	7.6
ENE	.5	1.1	1.9	1.6	.1							5.4	9.1
E	2.0	4.7	9.1	4.3	.5							20.6	8.3
ESE	1.4	3.4	6.3	2.6	.1	.1						14.0	8.1
SE	1.1	1.7	2.0	.5	.1							5.3	6.6
SSE	1.7	1.6	.6	.1								4.1	4.5
S	1.8	2.4	.7	.3								5.3	4.7
SSW	1.6	.4	.3									2.4	3.6
SW	1.5	1.0	.2	.1								2.7	4.0
WSW	.8	.9	.4									2.1	4.3
W	1.1	.9	.1	.1								2.2	3.9
WNW	.9	.9	.1									1.8	3.8
NW	1.4	.8	.5									2.7	4.3
NNW	1.9	1.6	1.5									4.9	4.9
VARBL													
CALM												18.7	
	20.0	25.0	25.2	10.1	.9	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1579

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 57-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.4	2.0		.1							10.0	4.8
NNE	.8	.6	.6									2.0	4.8
NE	.3	.2	.3	.2	.1							1.0	8.0
ENE	.3	.8	1.5	.9	.1							3.5	8.5
E	1.6	4.1	6.6	2.9	.1							15.4	7.8
ESE	1.0	4.1	6.5	1.3	.1	.1						13.2	7.7
SE	1.4	2.5	2.3	.7								6.8	6.5
SSE	1.7	1.2	.6	.1								3.6	4.3
S	1.8	2.1	.8	.1								4.7	4.6
SSW	.8	.4										1.3	3.1
SW	.9	.8	.3									2.0	4.1
WSW	.8	.8	.1									1.7	3.8
W	1.3	.6	.1									2.0	3.2
WNW	1.1	.6	.1									1.9	3.4
NW	1.8	1.5	.3									3.5	3.9
NNW	1.6	2.7	1.6	.1								5.7	5.3
VARBL													
CALM												21.5	
	20.9	27.0	23.7	6.5	.4	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 57-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	5.4	2.7	.3								12.2	5.0
NNE	.9	1.4	.7									3.0	4.9
NE	.7	.7	.7	.4	.2							2.7	7.6
ENE	.6	.6	1.2	1.6	.1							4.2	9.1
E	.8	2.8	6.9	3.9	.3							14.6	9.0
ESE	1.1	3.0	5.3	2.3	.4							12.3	8.5
SE	.7	2.0	3.4	1.2	.1							7.4	8.0
SSE	.8	1.2	1.6	.2								3.8	6.1
S	1.7	1.5	1.2	.4	.1							4.9	5.8
SSW	.9	.8	.4	.1	.1							2.2	5.2
SW	.5	.6	.3	.1								1.8	4.3
WSW	.8	.6	.1									1.5	3.7
W	.8	.9	.2	.1								2.0	4.8
WNW	.3	.6	.1									.9	4.3
NW	.8	.6	.6	.2								2.3	5.5
NNW	2.2	2.6	1.3	.4								6.5	5.2
VARBL													
CALM												17.7	
	17.7	25.4	26.6	11.3	1.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
ST JN NAME

43-45, 57-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	1.5	.4	.1							3.9	7.2
NNE	.4	.7	.9	.1								2.2	6.5
NE	.2	.8	1.3	.9	.3							3.4	9.5
ENE	.7	1.3	3.1	3.4	.6							9.2	10.2
E	1.0	3.8	8.7	9.0	1.1							23.6	10.1
ESE	.4	2.3	7.4	7.2	.7	.2						18.3	10.3
SE	.4	1.1	3.5	2.3	.3							7.7	9.7
SSE	.6	1.5	2.5	.9	.1							5.5	7.8
S	.6	2.7	3.0	.8								7.1	7.3
SSW	.4	1.6	2.1	.8								4.8	7.6
SW	.5	.8	.9	.3	.1							2.5	6.6
WSW	.6	.9	.4	.3								2.1	5.9
W	.2	.7	.8	.3								2.0	7.7
WNW	.6	.2	.3	.1								1.2	5.2
NW	.2	.7	.4	.1								1.5	6.4
NNW	.3	.7	.9	.4	.1							2.4	7.6
VARBL													
CALM												2.7	
	7.7	20.9	37.8	27.5	3.3	.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

FORESTEAD AFB FLORIDA  
STATION NAME

43-45, 57-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.3	.1	.1							1.1	8.2
NNE		.1	.3	.2	.1							.6	11.1
NE	.2	.2	.6	.7	.3							2.0	10.9
ENE	.1	.3	2.5	5.6	.9	.2						10.1	12.2
E	.2	2.4	14.4	12.7	1.6	.2						31.4	10.8
ESE	.3	2.2	8.5	9.2	.7							20.9	10.6
SE	.2	1.5	4.4	3.9	.3							10.2	10.0
SSE	.2	.3	1.8	1.7								3.9	10.2
S	.4	1.8	2.5	1.8	.1							6.7	8.6
SSW	.4	.9	2.7	1.5	.1							5.6	9.2
SW	.1	.4	.9	.5								1.8	9.1
WSW	.1	.3	.5	.6	.1							1.5	9.5
W	.1	.4	.6	.1	.1							1.3	8.9
WNW	.1	.3	.3	.1	.1							.9	8.4
NW		.3	.2	.1	.1							.6	8.0
NNW	.1	.2	.3	.1								.8	7.2
VARBL													
CALM												.6	
	2.3	12.5	40.8	39.0	4.4	.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1581



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826 STATION 12826 HOMESTEAD AFB FLORIDA STATION NAME 43-45, 57-70 YEARS MAY MONTH 1500-1700 HOURS (L S T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.6	.3			.1					1.6	8.3
NNE	.1	.1	.6	.1								.9	8.5
NE	.1	.3	.7	.9	.1							2.0	10.3
ENE	.1	1.2	3.5	7.6	1.1							13.4	11.8
E	.8	2.1	11.1	13.3	1.3	.1						28.7	10.7
ESE	.5	2.0	10.2	5.1	.5							18.3	9.5
SE	.3	1.5	4.9	1.8	.1							8.7	8.9
SSE	.2	1.1	2.8	1.5								5.6	8.9
S	.2	1.6	3.0	1.6								6.5	8.7
SSW	.3	.6	2.0	1.9	.2							5.0	9.9
SW	.1	.4	.8	.7								2.0	9.5
WSW		.1	.7	1.1	.1							2.0	11.4
W	.1	.1	.8	.6	.3							1.9	11.9
WNW	.1	.2	.2	.1								.6	7.1
NW	.1	.1	.3	.1								.6	6.6
NNW	.1	.4	.2	.1		.1						.9	8.3
VARBL													
CALM												1.2	
	3.2	12.3	42.4	36.8	3.7	.1	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-57-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.5	.4								2.0	6.9
NNE	.3	.6	1.1	.1								2.0	6.7
NE	.1	.4	2.3	.6								3.5	8.5
ENE	.6	2.8	5.1	4.0	.3							13.0	9.2
E	2.0	5.8	15.0	8.0	.4	.1						31.2	8.8
ESE	1.8	4.4	3.7	1.1	.2							11.2	6.7
SE	1.4	3.2	2.0									6.6	5.5
SSE	1.7	2.3	1.8	.2								6.0	5.5
S	1.8	3.2	1.9	.2								7.1	5.3
SSW	.8	1.5	1.1	.1								3.5	5.9
SW	.3	.6	1.1	.1								2.1	6.8
WSW	.4	.4	.8	.2								1.8	7.0
W	.6	1.4	1.3	.5	.1							3.9	7.1
WNW	.2	.3	.3	.1								.8	6.7
NW	.4	.3	.1	.1								.8	5.2
NNW	.3	.4	.4	.1								1.1	5.6
VARBL													
CALM												3.4	
	13.1	28.2	38.5	15.7	.9	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026 STATION HOMESTEAD AFB FLORIDA 43-45, 57-70 YEARS MAY  
STATION NAME CLASS 2100-2300  
CONDITION HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	.8									3.9	5.2
NNE	.6	1.2	1.0	.2								3.0	6.0
NE	.6	.7	1.9	.2								3.4	6.7
ENE	1.1	1.6	3.0	2.0	.2							7.9	8.2
E	2.8	5.7	12.0	7.5	.3							28.4	8.5
ESE	1.3	3.0	3.9	1.7	.3	.1						10.4	7.8
SE	2.0	1.7	1.3	.1								5.1	4.7
SSE	2.5	1.5	.8	.1								4.9	4.2
S	3.1	1.9	.5	.1								5.6	3.8
SSW	1.3	.9	.3	.1								2.5	4.0
SW	1.5	.9	.5		.1							3.0	4.3
WSW	.9	1.2	.1									2.2	3.9
W	.8	1.6	.3									2.8	4.6
WNW	.5	.6	.4	.2								1.8	5.7
NW	.5	.6	.4									1.3	5.4
NNW	.5	.6	.4									1.6	5.2
VARBL													
CALM												12.1	
	21.1	26.2	27.6	12.1	.9	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.8	.4									4.2	4.0
NNE	.6	.5	.3									1.5	4.2
NE	.8	.6	.1	.3								1.6	5.3
ENE	.8	.8	.7	.3								2.5	6.0
E	2.4	4.1	4.8	2.3	.1							13.8	7.3
ESE	3.2	3.6	2.7	.8								10.2	5.7
SE	2.1	2.8	1.2	.1	.1							6.2	4.9
SSE	2.6	2.2	1.0	.4	.1	.1						6.3	5.3
S	3.6	2.4	.4	.2	.1	.1						6.8	4.4
SSW	1.1	1.0	.4	.3	.1							3.0	5.8
SW	1.0	1.6	.5									3.1	4.4
WSW	1.3	.6	.3									2.3	3.7
W	1.1	1.0	.1	.1								2.2	3.8
WNW	1.2	.7	.7									2.6	4.3
NW	1.1	.5										1.6	3.2
NNW	1.5	.8	.2									2.7	3.4
VARBL													
CALM												29.2	
	26.4	25.4	13.7	4.8	.5	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1578

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.0	.5									6.1	4.0
NNE	1.0	.8	.3									2.0	4.0
NE	.4	.6	.1	.1								1.3	5.0
ENE	.7	.5	.8									2.0	5.4
E	1.3	2.5	3.3	1.5								8.7	7.4
ESE	2.1	3.9	3.0	1.1								10.0	6.4
SE	1.7	2.4	1.3	.4	.1							5.8	5.5
SSE	1.5	1.3	.5	.2								3.6	4.8
S	2.5	2.1	.5	.2	.1	.1						5.5	4.8
SSW	1.6	.7	.2	.3	.1							2.9	4.9
SW	1.4	1.5	.6	.1								3.7	4.5
WSW	.8	.3	.1									1.1	3.2
W	1.2	.8	.2									2.2	3.5
WNW	1.0	.1	.1									1.1	2.9
NW	1.0	.3	.1									1.3	3.1
NNW	1.9	2.1	.4									4.4	4.1
VARBL													
CALM												38.2	
	22.6	23.0	11.9	3.9	.3	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1577

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.3	.8	.1								7.6	4.2
NNE	1.2	1.6	.3									3.2	4.0
NE	1.0	1.1	.1	.2								2.4	4.5
ENE	.9	.5	.6	.5								2.4	6.5
E	1.6	1.9	4.8	3.0	.1							11.3	8.5
ESE	1.3	2.3	3.9	1.4	.2							9.0	7.6
SE	1.6	3.3	2.2	.9	.1							8.0	6.2
SSE	1.9	1.7	1.1	.4								5.1	5.3
S	1.7	2.4	1.4	.2	.2							6.0	5.8
SSW	1.3	1.4	.6	.3	.3							4.0	6.3
SW	.9	1.0	.3	.2								2.5	5.2
WSW	.5	.9	.4	.1								2.0	5.7
W	.9	.8	.3									2.0	4.2
WNW	.6	.2	.2									1.0	3.9
NW	1.1	.3	.2									1.6	3.7
NNW	1.9	1.4	.3	.1								3.6	4.1
VARBL													
CALM												28.4	
	21.5	24.1	17.5	7.5	.9							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1607

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	.5									1.9	5.1
NNE	.4	.3	.5									1.2	5.2
NE	.3	.6	.4	.4								1.7	7.1
ENE	.5	1.8	2.2	.9								5.4	7.5
E	1.9	4.1	9.6	7.0	.6	.1						23.4	9.2
ESE	.8	2.6	7.3	4.7	.1	.1						15.7	9.3
SE	1.0	2.3	4.3	1.7	.1							9.4	8.0
SSE	.4	1.7	2.2	.9	.1							5.2	7.9
S	.7	2.3	3.6	.9		.1						7.8	7.6
SSW	.9	1.8	1.9	1.1	.4	.2						6.2	8.3
SW	.6	2.0	1.8	1.2								5.3	7.5
WSW	.4	1.1	.4	.4								2.4	6.3
W	.4	1.2	1.1	.2								2.9	6.2
WNW	.2	.9	.4	.1								1.6	6.3
NW	.4	.6	.4									1.4	5.3
NNW	.4	.7	.4	.1								1.5	5.3
VARBL													
CALM												6.5	
	10.0	25.1	37.1	19.6	1.3	.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1608

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 36-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4	.4	.2								1.5	5.9
NNE	.2	.3	.2	.1								.8	6.5
NE		.4	.2	.2	.1							.9	9.1
ENE	.3	1.1	1.7	1.7	.1	.1						5.0	9.5
E	.6	2.9	10.2	10.8	1.1	.1						25.6	10.6
ESE	.4	3.5	11.0	6.4	.5							21.8	9.5
SE	.4	1.6	5.7	1.8		.1						9.6	8.8
SSE	.2	.9	3.0	1.2	.2	.1						5.6	9.4
S	.6	2.7	3.6	2.0	.2							9.1	8.3
SSW	.6	1.1	2.4	1.8	.2	.1						6.2	9.5
SW	.2	1.1	1.4	1.3	.2							4.2	9.2
WSW	.1	.7	.7	.4	.2							2.0	8.9
W	.3	.7	.7	.4	.1							2.2	7.7
WNW	.4	.7	.2	.1	.1							1.6	6.4
NW	.2	.7	.2	.1								1.2	5.7
NNW	.1	.1	.4	.2								.9	7.5
VARBL													
CALM												1.7	
	5.2	18.9	42.2	28.7	2.9	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1608



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	.6	.2								2.0	7.0
NNE	.1	.4	.3	.1	.1	.1						1.1	8.5
NE	.1	.6	.4	.5								1.6	8.1
ENE	.3	1.2	1.5	2.4	.2							5.6	9.9
E	.6	3.9	10.2	10.0	.4							25.0	10.0
ESE	.7	4.0	10.0	4.0			.1					18.8	8.6
SE	.5	2.0	5.7	1.5	.1	.1						10.6	8.2
SSE	.5	1.5	3.0	1.2								6.2	7.9
S	1.2	2.3	2.4	.9	.1							7.9	7.4
SSW	.4	1.3	2.4	1.5	.1	.1						5.7	9.0
SW	.2	.6	1.1	.6	.1	.1						2.7	9.0
WSW	.2	.9	1.3	.4	.2	.1						3.1	8.8
W	.4	.7	1.0	.6	.1							2.8	8.2
WNW	.3	.5	.3	.1								1.2	5.4
NW	.2	.6	.6	.1								1.4	6.7
NNW	.1	.6	.9	.1								1.6	7.0
VARBL													
CALM												2.7	
	6.3	22.4	42.7	24.1	1.4	.4	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

1605

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	.3	.1	.1							2.7	5.7
NNE	.4	.5	.6	.3	.1							1.8	6.8
NE	.6	.7	.4	.2	.1							2.0	6.2
ENE	.8	1.6	2.3	2.4								7.1	8.4
E	3.4	6.8	9.3	4.1	.1							23.6	7.3
ESE	2.8	5.7	4.1	1.4								14.2	6.1
SE	2.2	4.4	2.4			.1						9.1	5.3
SSE	2.2	3.3	1.9	.3	.3	.1						8.0	6.0
S	2.1	3.1	1.5	.2								6.9	5.0
SSW	.9	.6	1.0	.2								2.7	6.0
SW	.9	1.4	.6	.2	.1							3.2	5.8
WSW	.3	1.0	1.1	.3	.1							2.7	7.2
W	.7	1.3	1.0									3.0	5.5
WNW	.3	.6	.1	.1								1.1	5.3
NW	.4	.4	.1									1.0	4.4
NNW	.4	.8	.4	.1	.1							1.8	6.0
VARBL													
CALM												8.9	
	19.0	24.3	27.1	9.8	.8	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	.6	.2								4.3	4.6
NNE	.9	.6	.3	.1								1.8	4.4
NE	.6	.8	.3	.1	.1							1.9	6.0
ENE	1.4	1.2	1.3	.8	.1							4.7	6.5
E	3.9	4.4	7.7	2.5	.3							18.7	7.1
ESE	3.4	4.2	2.8	.8	.1							11.2	5.6
SE	3.2	2.8	.9	.3								7.2	4.5
SSE	2.2	2.2	.6		.3	.1						5.6	5.4
S	3.2	3.0	.7	.4	.1							7.3	4.7
SSW	1.1	.8	.4	.2								2.5	4.7
SW	1.6	1.3	.5	.1								3.5	4.4
WSW	1.1	1.1	.3	.1								2.5	4.1
W	.6	.9	.3									1.9	4.6
WNW	.5	.6	.2	.1								1.4	5.0
NW	.9	.6	.2									1.7	3.7
NNW	.9	1.0	.4									2.4	4.4
VARBL													
CALM												21.4	
	27.0	27.4	17.5	5.8	.8	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1590

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.5	.3									3.9	3.5
NNE	.9	.4	.2									1.5	3.5
NE	.5	.6										1.1	5.9
ENE	1.0	.6	.4									2.0	4.4
E	3.0	5.1	4.4	.6								13.1	5.9
ESE	2.7	4.4	3.6	.6								11.2	5.8
SE	2.3	3.0	.9	.5								6.8	5.1
SSE	1.7	1.1	.5	.1								3.4	4.2
S	2.0	1.8	.6	.3								4.6	4.5
SSW	1.5	.6	.2									2.2	3.3
SW	1.1	.5	.1	.1								1.8	3.4
WSW	.8	.4	.1									1.2	3.4
W	1.3	.3										1.5	2.7
WNW	.9	.4										1.3	3.1
NW	1.6	.5	.1									2.2	3.2
NNW	1.8	1.1	.2									3.1	3.6
VARBL													
CALM												39.0	
	25.1	22.4	11.5	2.1								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1578

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.1	.3									5.6	3.5
NNE	.9	.8	.3									2.0	3.7
NE	.6	.5	.1									1.2	3.9
ENE	.6	.6	.1									1.3	4.1
E	2.3	2.9	2.8	.5								8.5	5.8
ESE	2.4	4.0	4.1	.2								10.6	5.7
SE	2.6	2.7	1.4	.2								6.8	4.8
SSE	2.0	1.5	.4	.1								3.9	4.0
S	1.7	1.3	.3									3.3	3.9
SSW	.9	.4	.1									1.3	3.6
SW	1.1	.7										1.8	3.3
WSW	.4	.2	.1									.7	3.3
W	.9	.4	.1									1.4	3.2
WNW	1.0	.5										1.5	3.2
NW	.8	.7	.1									1.6	3.6
NNW	2.0	1.5	.2									3.7	3.6
VAR'S													
CALM												44.7	
	23.4	20.6	10.2	.9								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44.56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.1	.1									4.9	3.4
NNE	.8	1.3	.3									2.3	4.3
NE	1.1	.6	.1									1.9	3.5
ENE	.6	.4	.1	.2								1.3	4.9
E	1.6	3.2	3.0	.8	.1							8.8	6.4
ESE	2.3	4.8	5.4	1.1								13.5	6.6
SE	1.8	3.5	2.9	.4	.1							8.7	6.0
SSE	1.6	2.4	.8	.1								4.8	4.6
S	2.2	1.7	.5	.1								4.5	4.2
SSW	1.2	.8										2.0	3.4
SW	.9	.5	.1									1.5	3.7
WSW	.3	.6	.4									1.3	5.3
W	.5	.2	.1									.8	3.4
WNW	.8	.2										.9	2.8
NW	1.1	.8										1.9	3.5
NNW	1.5	1.6	.1									3.2	3.7
VARBL													
CALM												37.5	
	20.9	24.9	13.9	2.7	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.2	.1								1.1	5.3
NNE		.6	.2									.8	5.3
NE	.4	.2	.3									1.0	4.6
ENE	.2	1.2	1.3	.3								3.4	6.6
E	1.8	5.7	9.5	2.8								19.9	7.7
ESE	1.1	4.1	11.1	4.6	.2							21.1	8.7
SE	1.6	5.4	7.0	1.6								13.6	7.5
SSE	1.6	3.0	2.5	.4								7.6	6.0
S	1.2	3.2	3.2	.3								6.2	6.3
SSW	1.2	1.4	1.4	.4								4.4	6.3
SW	1.3	1.6	1.1	.4								4.5	5.9
WSW	.5	.8	.8	.1								2.2	6.1
W	.5	.6	.8	.3								2.2	6.6
WNW		.6	.2	.1								.8	5.9
NW	.2	.6	.3									1.1	5.4
NNW	.2	.4	.3		.1							.9	5.8
VARBL													
CALM												7.1	
	12.7	28.1	40.2	11.6	.2							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826 STATION HOMESTEAD AFB FLORIDA 43-44, 56-70 YEARS JUL MONTH  
ALL WEATHER CLASS 1200-1400 NO. 15 (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.1	.4	.1								.9	7.1
NNE	.1	.3	.4									.8	5.9
NE		.5	.3	.2								1.0	7.4
ENE	.1	.9	1.4	.1								2.6	7.4
E	1.8	4.9	14.0	5.3								26.1	8.4
ESE	1.1	3.6	14.9	7.1	.2							26.9	9.1
SE	.6	2.6	7.3	2.0								12.5	8.3
SSE	.6	1.8	3.5	.9								6.9	7.7
S	.6	2.0	3.4	.6								6.6	7.2
SSW	.6	1.5	2.0	1.0								5.1	8.0
SW	.2	.5	1.4	.6								2.7	8.7
WSW	.1	.6	.6									1.2	6.9
W	.4	1.1	.8	.5	.1							2.8	7.6
WNW	.1	.3	.5	.3								1.1	8.5
NW		.3	.3	.1								.7	7.5
NNW	.2	.4	.1	.1								.6	6.1
VARBL													
CALM												1.5	
	6.8	21.1	51.3	19.0	.3							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1581



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	.9	.1								2.2	6.4
NNE	.1	.6	.6	.1								1.3	6.7
NE	.1	.3	.1	.1								.5	7.0
ENE	.3	.8	1.8	.4								3.2	7.7
E	1.1	4.7	13.4	4.6	.3							24.1	8.7
ESE	1.5	5.1	12.5	3.2								22.3	8.1
SE	.8	2.9	7.7	1.5								12.8	7.8
SSE	.5	1.9	2.8	.1	.1							3.4	7.1
S	1.1	2.8	3.0	.8								7.7	6.7
SSW	.4	1.1	1.4	.8								3.7	7.6
SW	.4	.8	.6	.4								2.3	6.9
WSW	.3	.8	.8	.5								2.3	7.6
W	.8	.9	.9	.6								3.2	7.0
WNW	.4	.4	.6	.3								1.8	6.9
NW	.5	.6	.3									1.4	4.3
NNW	.3	.5	.5	.3								1.5	7.4
VARBL													
CALM												4.2	
	8.9	25.1	47.7	13.7	.4							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	.9									3.5	5.3
NNE	.6	.8	.4	.1								1.9	5.2
NE	.5	.6	.4									1.5	4.9
ENE	1.0	2.3	1.2	.1	.1							4.7	5.6
E	3.7	9.2	9.0	1.8	.1							23.8	6.6
ESE	3.4	6.4	3.4	.4	.1							13.6	5.2
SE	3.0	4.5	1.8	.3								9.6	5.0
SSE	2.7	2.7	1.3	.1	.1							6.8	4.5
S	2.0	2.7	.9	.1								5.6	4.5
SSW	.9	1.8	.4	.1								3.1	4.8
SW	.5	.9	.6									2.0	5.2
WSW	.3	.6	.1	.1								1.1	4.9
W	1.2	1.8	.6	.1								3.7	4.8
WNW	.4	.7	.4	.1								1.6	5.8
NW	.6	.7	.3	.1								1.6	4.9
NNW	.6	1.1	.3	.1								2.0	4.9
VARBL													
CALM												13.8	
	22.2	38.4	21.9	3.4	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.6	.2									3.6	3.7
NNE	.8	.9	.2									1.9	4.2
NE	.8	.8	.1									1.6	3.2
ENE	1.6	1.6	.6	.1								4.0	4.5
E	4.2	6.9	5.2	1.4								17.5	6.0
ESE	3.2	3.8	2.8	.8								10.6	5.5
SE	2.8	2.2	.6	.2	.1							5.8	4.2
SSE	2.3	1.6	.5									4.4	3.9
S	2.8	2.5	.4	.1								5.8	3.8
SSW	.8	1.0										1.8	3.8
SW	.7	.9	.1									1.7	3.7
WSW	.8	.2	.1									1.1	3.4
W	.9	.5	.1									1.5	3.3
WNW	.6	.3	.2									1.0	4.0
NW	.8	.2	.1									1.0	3.3
NNW	.9	1.1	.1									2.2	3.9
VARBL													
CALM												34.3	
	25.7	26.1	11.2	2.3	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.8	.6			.1						6.4	4.2
NNE	1.6	1.2	.2		.1							3.0	4.1
NE	1.0	.7	.1									1.7	3.5
ENE	1.3	1.4	1.0	.3								4.0	3.7
E	3.3	3.1	4.9	1.4	.1							14.8	5.2
ESE	2.4	3.8	1.7	.8								8.7	3.7
SE	1.3	1.7	.8	.2								4.0	4.9
SSE	1.6	.9	.4	.1								3.0	3.8
S	2.1	.7	.2	.1	.1							3.1	3.8
SSW	.9	.2	.1									1.2	3.2
SW	.7	.3	.1									1.4	4.0
WSW	.7	.5	.1									1.3	3.4
W	1.2	.4										1.6	2.8
WNW	1.0	.4	.1									1.3	3.1
NW	1.2	1.1	.1				.1					2.3	4.6
NNW	1.4	1.7	.2				.1					3.4	4.4
VARBL													
CALM												38.4	
	24.6	23.1	10.6	2.9	.2	.1	.1					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

1674

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	3.1	.3									7.2	3.5
NNE	1.3	1.1	.2									2.6	3.8
NE	.7	.6	.2									1.4	3.9
ENE	.7	1.0	.7									2.3	5.4
E	1.7	4.5	3.2	.8								10.2	6.4
FSE	2.2	2.6	2.6	.5								7.9	5.8
SE	2.2	2.4	1.4	.1								6.1	4.8
SSE	2.0	1.4	.4									3.8	4.0
S	2.0	.8	.3	.1								3.2	3.6
SSW	.7	.2	.2									1.1	3.8
SW	.7	.3	.2	.1								1.2	4.6
WSW	.6	.3	.1									1.0	3.4
W	1.1	.3					.2					1.6	6.0
WNW	1.2	.1		.1								1.3	3.1
NW	1.4	.7	.2									2.3	3.5
NNW	2.3	1.7	.5									4.5	3.8
VARBL													
CALM												42.4	
	24.3	21.1	10.3	1.7			.2					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.3	.4									8.5	3.9
NNE	1.6	1.6	.1	.1								3.3	3.9
NE	.8	1.0	.1									1.9	4.2
ENE	1.0	1.3	.6	.3	.1							3.2	6.3
E	2.3	3.6	4.5	1.6	.1							12.1	6.9
ESE	1.4	3.0	3.1	.2								7.7	6.1
SE	2.1	2.0	2.2	.3								6.6	5.4
SSE	1.3	2.0	1.2	.1	.1							4.6	5.5
S	1.5	1.3	.8	.1								3.9	4.9
SSW	.7	.8	.4	.3								2.2	6.0
SW	.7	.3	.2									1.3	4.0
WSW	.4	.5	.1		.1	.1						1.1	6.3
W	1.0	.6				.1						1.6	3.9
WNW	.7	.4	.1									1.3	3.5
NW	.5	.5	.1									1.2	3.8
NNW	2.2	1.7	.1									3.6	3.4
VARBL													
CALM												35.7	
	21.7	25.2	14.0	2.9	.4	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

1674

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.5	.5	.1								2.9	4.7
NNE	.4	.7	.4									1.4	3.6
NE	.4	1.1	.4	.1								2.0	5.3
ENE	.5	1.4	1.9	.8	.3							4.9	8.2
E	1.7	6.3	10.5	4.2	.4							23.2	8.1
ESE	1.1	5.2	8.1	3.1	.2							17.6	8.0
SE	1.0	2.6	5.3	1.1	.1							10.1	7.6
SSE	.9	1.7	2.9	.7								6.2	7.1
S	1.3	2.3	2.3	.5								6.3	6.2
SSW	1.0	2.0	2.1	.3	.1							5.4	6.3
SW	1.3	1.6	.9	.5	.1							4.4	6.2
WSW	.5	.6	.7	.2	.1							2.0	6.5
W	.5	1.0	.4	.1								2.0	5.1
WNW	.1	.2	.3	.1								.7	6.3
NW	.4	.2	.2	.1								.8	5.1
NNW	.3	.7	.2									1.2	5.0
VARBL													
CALM												8.9	
	12.2	29.0	37.0	11.7	1.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

1673

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12026 STATION NAME HOMESTEAD AFB FLORIDA YEARS 43-45, 56-70 MONTH AUG  
CLASS ALL WEATHER HOURS (L & T.) 1200-1400  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.3	.1								1.0	6.2
NNE	.1	.1	.1	.2								.4	8.0
NE	.1	.2	.5	.2								1.1	8.3
ENE	.2	.8	2.6	1.6	.7							6.0	10.3
E	.8	5.7	15.0	4.9	.4	.1	.1					26.9	8.7
ESE	.6	4.1	11.6	5.2	.1							21.6	8.8
SE	.4	2.7	6.9	2.0	.1							11.6	8.4
SSE	.3	1.8	3.1	.7								5.9	7.7
S	.8	2.0	4.2	1.0	.1							8.2	7.6
SSW	.2	.9	1.9	1.1	.1							4.2	8.9
SW	.4	.9	1.8	.7	.1							3.5	8.6
WSW	.1	.7	.7	.2								1.6	7.3
W	.4	.7	1.0	.5								2.5	7.4
WNW	.1	.3	.5	.3								1.2	8.6
NW	.1	.2	.7	.2	.1							1.3	8.8
NNW	.2	.4	.4	.1								1.1	6.6
VARBL													
CALM												1.9	
	5.0	21.6	50.8	19.0	1.6	.1	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12026 STATION HOMESTEAD AFB FLORIDA 43-45, 56-70 YEARS AUG MONTH  
1500-1700 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.5	.4								2.0	7.1
NNE	.3	.5	.2	.1								1.1	6.1
NE	.5	.7	.7	.5								2.3	7.0
ENE	.6	1.3	3.3	1.6	.1	.1						7.0	9.0
E	1.2	6.1	12.8	4.8	.5							25.4	8.5
ESE	1.0	4.1	10.5	2.4								17.9	8.0
SE	.7	2.7	5.2	.9								9.6	7.5
SSE	.6	1.2	2.6	.4								4.7	7.2
S	1.0	2.8	3.2	.5								7.6	6.8
SSW	.3	1.7	2.0	.5								4.5	7.3
SW	.5	1.0	1.4	.5	.1							3.4	7.2
WSW	.4	1.0	.8	.2								2.3	6.5
W	.4	1.1	1.0	.5								3.0	7.0
WNW	.2	.5	.5	.2								1.5	6.8
NW	.2	.4	.6	.4								1.6	7.6
NNW	.1	.8	.6	.1	.1							1.7	7.4
VARBL													
CALM												4.4	
	8.4	26.6	46.0	13.8	.8	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026 STATION HOMESTEAD AFB FLORIDA 43-45, 56-70 YEARS AUG MONTH  
1800-2000 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.3	.6	.2								4.6	4.9
NNE	.6	.9	.2	.1								1.8	4.6
NE	.6	.9	1.0	.1	.1							2.3	6.6
ENE	1.6	2.9	3.4	.7	.1							8.7	6.5
E	6.2	8.7	8.0	1.7								24.6	5.9
ESE	2.4	3.6	2.5	.2								8.7	5.3
SE	2.8	2.6	1.0		.1							6.5	4.3
SSE	1.7	1.9	.5	.1								4.2	4.4
S	3.1	2.9	1.3	.1								7.4	4.4
SSW	1.3	1.3	.3			.1						2.9	4.3
SW	.7	.7	.4									1.7	4.6
WSW	.8	1.1	.4									2.3	4.2
W	.5	1.3	.8									2.6	5.5
WNW	.3	.8	.4	.2								1.6	6.2
NW	1.0	.8	.7	.1								2.6	5.1
NNW	1.0	1.5	.6	.1								3.1	4.9
VARBL													
CALM												14.5	
	26.1	33.8	21.9	3.5	.2	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1671

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.5	.3	.1								6.2	4.1
NNE	1.2	1.5	.5			.1						3.2	4.8
NE	1.0	1.6	.5	.1	.1	.1						3.2	5.4
ENE	1.7	1.9	1.3	.4								5.3	5.6
E	5.1	6.7	5.9	1.4	.1							19.2	6.0
ESE	2.9	2.8	1.4	.5								7.5	4.9
SE	2.2	1.6	.8	.1								4.7	4.3
SSE	2.1	.6	.4	.1	.1							3.2	3.9
S	2.9	1.4	.2	.1								4.6	3.4
SSW	.7	.7	.2	.1								1.6	4.8
SW	1.4	.2	.2									1.7	3.2
WSW	.6	.4		.1								1.0	3.8
W	1.6	1.0	.1									2.6	3.5
WNW	1.1	.6	.1	.1								1.9	3.7
NW	.9	.7	.2									1.7	3.9
NNW	1.6	1.2	.5									3.2	4.0
VARBL													
CALM												29.0	
	29.2	26.2	12.5	2.8	.2	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

1669

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	5.1	.8	.1				.1		.1		9.5	5.0
NNE	1.6	1.3	.4									3.3	3.9
NE	.9	.9	.4	.2								2.5	5.5
ENE	1.4	2.2	2.7	.5				.1				6.8	6.8
E	3.0	5.3	5.1	2.1	.2			.1	.1			15.7	7.2
ESE	2.0	2.7	2.1	.9								7.7	6.3
SE	1.3	1.4	.7	.2	.1							3.6	5.6
SSE	1.2	1.2	.3	.1								2.8	4.5
S	.9	1.3	.7	.1								3.0	5.1
SSW	.4	.2	.3	.1	.1							1.2	7.1
SW	.6	1.0	.6									2.2	5.1
WSW	.7	.3	.1									1.1	3.2
W	1.3	.5	.3									2.1	3.5
WNW	1.1	.4	.3	.1								1.9	4.1
NW	1.6	1.1	.1									2.7	3.3
NNW	2.1	2.6	.3									5.0	4.1
VARBL													
CALM												28.9	
	23.4	27.5	14.9	4.4	.4			.2	.1	.1		100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

1579

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
 STATION

HOMESTEAD AFB FLORIDA  
 STATION NAME

43-45, 56-70  
 YEARS

SEP  
 MONTH

ALL WEATHER  
 CLASS

0300-0300  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	6.0	.5	.2							.1	11.5	4.5
NNE	1.7	1.9	.2								.1	3.9	5.0
NE	1.0	1.0	.2	.2	.1						.1	2.5	7.0
ENE	.8	1.0	1.5	.6	.1		.1					4.0	7.8
E	1.6	3.7	4.4	1.5	.1	.1				.1		11.4	7.4
ESE	1.5	2.5	2.3	1.0	.1					.1		7.5	7.6
SE	1.1	1.3	1.1	.1								3.5	5.2
SSE	.9	1.3	.6	.1								2.9	4.8
S	1.0	1.5	.5	.1								3.1	5.0
SSW	.5	.6	.3	.3	.1							1.8	6.8
SW	.4	.6	.2									1.2	4.5
WSW	.8	.3	.1									1.2	3.5
W	1.2	.4	.1									1.7	3.1
WNW	1.3	.4	.2									1.9	3.8
NW	1.5	1.0	.1									2.6	3.5
NNW	2.5	3.5	.7	.1								6.8	4.3
VARBL													
CALM												32.6	
	22.6	27.0	12.9	4.0	.4	.1	.1			.2	.2	100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

1577

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

49-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	7.6	.9	.3	.1							13.8	4.4
NNE	1.6	2.6	.9	.1								5.1	4.7
NE	.9	.9	.7	.2	.1							2.8	5.9
ENE	.6	.9	1.1	1.0	.3	.1					.1	3.9	10.1
E	1.2	3.0	5.1	2.1	.2						.1	11.7	8.6
ESE	1.3	3.1	2.9	1.1								8.3	6.8
SE	.9	1.4	1.1	.1		.1			.1			3.7	6.8
SSE	.7	1.2	.4		.1			.1	.1			2.6	5.6
S	.7	1.1	.9	.3								3.0	6.2
SSW	.4	.6	.3	.2								1.5	5.9
SW	.6	.1	.4	.2								1.4	6.6
WSW	.9	.6	.1									1.6	3.8
W	.6	.4										1.1	3.5
WNW	.8	.4	.2	.1								1.5	4.3
NW	1.7	1.1	.1	.1								3.0	3.8
NNW	1.9	4.1	.7	.1								6.8	4.5
VARBL													
CALM												28.2	
	19.8	2.1	15.8	5.9	.6	.1		.1	.1		.2	100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1598

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	1.5	.2	.1							5.1	6.0
NNE	.6	1.9	.8	.1								3.4	5.4
NE	.2	1.9	1.6	.4	.1							4.2	7.3
ENE	1.0	2.5	4.5	2.6	.9	.1	.1					11.7	9.4
E	1.0	5.4	9.4	5.7	.6	.1					.1	22.3	9.1
ESE	.6	3.5	6.8	2.4	.2							13.5	8.4
SE	.7	1.7	3.3	.8						.1		6.5	8.0
SSE	.9	1.1	1.6	.7		.1		.1		.1		4.4	8.3
S	.9	2.0	1.9	1.0	.1	.1		.1				6.0	8.0
SSW	.4	.9	1.5	.4	.1							3.2	7.3
SW	.4	1.0	.9	.6	.3	.1						3.3	9.1
WSW	.6	.7	.5	.2								2.0	6.4
W	.6	1.1	.5	.2								2.3	5.6
WNW	.3	.6	.2	.2	.1							1.3	6.9
NW	.3	.9	.2	.4								2.0	6.1
NNW	.7	.9	.8		.1							2.5	5.6
VARBL													
CALM												6.2	
	10.6	28.0	36.0	16.0	2.5	.4	.1	.2		.1	.1	100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1609

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
II	.4	.7	.4	.1	.2	.1						1.9	8.1
NNE	.2	.4	.4	.1								1.1	6.2
NE		.8	1.1	1.1	.4							3.4	10.4
ENE	.3	1.6	5.5	3.5	.7	.2	.1					11.6	10.6
E	.1	3.5	16.9	6.8	.5	.1						30.0	9.3
ESE	.1	3.5	8.6	4.1	.2							15.9	9.1
SE	.2	1.5	3.8	1.4				.1				7.4	8.5
SSE	.3	1.5	2.2	.7				.1		.1		4.4	9.0
S	.9	1.5	2.9	1.1	.2		.2					6.2	9.0
SSW	.2	1.1	1.5	1.4		.1						4.3	8.8
SW	.1	.6	.8	.5	.2	.1						2.3	9.9
WSW	.2	.6	.5	.4	.2							1.9	9.1
W	.6	1.2	1.0	.4								3.2	6.6
WNW	.3	.7	.4	.2								1.6	6.3
NW	.2	.4	.6	.1	.1							1.4	7.1
NNW	.1	.6	.7	.1								1.5	7.0
VARBL													
CALM												2.1	
	4.7	20.3	47.3	21.9	2.7	.6	.2	.1		.1		100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1608



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.3	.2	.1	.1	.1					1.9	8.8
NNE	.1	.6	.4	.2								1.3	7.0
NE	.3	.8	1.1	1.5	.4							4.1	10.5
ENE	.5	1.7	6.1	3.0	.4	.2	.1					11.9	9.9
E	1.3	6.3	12.8	5.6	.3							26.4	8.6
ESE	.6	4.3	9.0	2.1	.1							16.0	8.1
SE	.6	2.1	3.3	.8	.1							6.9	7.5
SSE	.6	.9	2.3	.5			.1					4.4	7.8
S	.9	2.1	1.9	.6	.3	.3						7.0	7.9
SSW	.5	1.1	1.3	.4	.1							3.3	7.2
SW	.9	.9	1.1	.8	.1							3.1	8.4
WSW	.9	.9	.5	.4	.1	.1						2.3	8.4
W	.9	1.0	1.2	.5	.1							3.7	7.6
WNW	.9	.6	.5	.3								1.6	7.0
NW	.3	.8	.6	.3								1.9	6.7
NNW	.4	.7	.7									1.8	5.8
VARBL													
CAJM												3.8	
	7.8	25.2	42.3	17.0	2.1	.6	.3					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1593

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	.8	.1		.1	.1					4.0	6.5
NNE	.6	1.6	1.1	.1								3.5	5.9
NE	.8	2.0	1.9	.9	.1							5.7	7.5
ENE	1.4	3.7	4.6	1.6	.3		.1	.1				11.8	8.0
E	5.1	7.6	7.0	2.2	.3							22.1	6.4
ESE	2.0	3.0	2.5	.4								8.0	5.7
SE	1.6	2.1	1.2		.1							4.9	5.1
SSE	1.7	1.9	.8	.1								4.4	4.7
S	2.0	2.7	.8	.1	.3	.2						6.1	6.0
SSW	.6	.7	.4	.1	.1	.1						2.0	6.1
SW	.6	.8	.6									2.0	5.2
WSW	.6	.9	.7	.3								2.5	6.1
W	1.4	1.2	.6	.3								3.5	5.2
WNW	.3	1.0	.4	.1	.1							1.8	5.6
NW	.2	.8	.4									1.5	5.4
NNW	.8	.7	.4									1.9	4.6
VARBL													
CALM												14.3	
	20.7	32.7	24.2	6.3	1.1	.4	.1	.1				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION  
ETAC/USAP  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.2	.3	.2			.1	.1				7.5	5.0
NNE	1.3	2.7	.6	.1				.1				4.8	5.1
NE	.8	1.8	1.3	.4				.1				4.5	6.7
ENE	1.6	2.5	2.5	1.2	.1			.1				8.4	7.4
E	3.8	6.2	5.1	2.2	.1							17.5	6.5
ESE	2.2	2.0	2.8	.4	.1		.1					7.6	6.4
SE	2.2	1.3	.2	.2								3.9	4.1
SSE	1.6	1.1	.4									3.3	3.9
S	1.3	2.1	.4	.1	.3							4.1	5.4
SSW	1.2	.6	.1	.3		.1						2.2	5.2
SW	.8	1.1	.2	.1								2.1	4.4
WSW	1.2	.8	.1	.1								2.1	3.7
W	.6	.8	.2									1.7	4.4
WNW	1.1	.4	.1									1.6	3.3
NW	.9	1.2										2.2	3.5
NNW	1.9	1.2	.1									3.2	3.6
VARBL													
CALM												23.4	
	25.5	30.1	14.5	5.4	.6	.1	.2	.2				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

1579

DATA PROCESSING DIVISION  
 WTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
 STATION

HOMESTEAD AFB FLORIDA  
 STATION NAME

43, 45, 56-70  
 YEARS

OCT  
 MONTH

ALL WEATHER  
 CLASS

0000-0200  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	9.2	3.6	.5								17.6	5.2
NNE	.7	.9	.7	.2	.1							2.6	6.0
NE	.6	1.6	1.2	.8	.1							4.4	7.5
ENE	.9	1.9	2.2	1.8	.4							8.4	8.6
E	3.2	5.2	4.6	2.3	.1							15.4	6.8
ESE	1.6	2.5	1.3	.6	.1							6.1	6.1
SE	.8	.9	.4	.2	.1							2.4	5.8
SSE	.4	.8	.6	.1								1.9	5.8
S	.4	1.0	.4	.2								2.0	5.8
SSW	.6	.4	.1									1.1	3.5
SW	.9	.3	.4	.1								1.6	4.6
WSW	.5	.4	.3									1.1	4.3
W	.8	.9	.1									1.8	3.6
WNW	1.0	.4	.1									1.5	3.0
NW	1.3	2.2	.6	.2								4.2	4.9
NNW	2.3	3.2	.8	.4	.1	.1						6.8	5.3
VARBL													
CALM												21.2	
	20.3	31.9	18.3	7.3	.9	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

1581

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
 STATION

HOMESTEAD AFB FLORIDA  
 STATION NAME

43, 45, 56-70  
 YEARS

OCT  
 MONTH

ALL WEATHER  
 CLASS

0300-0500  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	9.4	4.7	.5								18.8	5.3
NNE	.9	1.6	.5	.3								3.4	5.2
NE	.9	1.0	1.1	1.5	.3							4.7	8.3
ENE	1.1	2.0	2.8	1.2	.2	.1						7.4	7.8
E	1.7	4.2	4.4	1.0	.1							11.4	6.9
ESE	.8	1.7	1.2	.2								3.9	5.9
SE	.4	1.1	.4	.3								2.3	6.0
SSE	.6	.9	.4	.1								1.6	4.8
S	.9	.6	.2	.3								1.9	5.1
SSW	.4	.3	.1	.1								.9	4.4
SW	.7	.6	.3									1.6	4.2
WSW	.4	.3	.1									.8	3.6
W	1.1	.5	.2									1.8	3.3
WNW	.9	.4										1.4	3.0
NW	1.5	2.0	.6	.4		.1						4.4	5.3
NNW	2.5	5.4	1.8	.3			.1					10.1	5.3
VARBL													
CALM												23.5	
	19.0	31.7	18.9	6.0	.6	.1	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	13.6	5.3	.7				.1				24.6	5.3
NNE	1.6	1.6	.7	.1								4.1	4.4
NE	.9	1.9	1.1	1.2	.3							5.4	7.7
ENE	.8	1.4	2.3	1.8	.3							6.5	8.8
E	1.2	3.9	3.5	2.2								10.8	7.5
ESE	.6	1.6	1.7	.1								4.1	6.2
SE	.9	.9	.9	.4								3.2	6.3
SSE	.6	.7	.4	.2								1.9	5.5
S	.4	.6	.4	.1								1.5	5.9
SSW	.3	.4	.3	.3								1.3	6.9
SW	.3	.3	.4									.9	5.6
WSW	.3	.3	.1	.1								.8	5.4
W	1.1	.6	.3	.1								2.2	4.6
WNW	.6	.7	.3									1.5	4.3
NW	.8	1.4	.6	.3	.1							3.2	6.3
NNW	2.0	5.1	1.9	.3			.1					9.4	5.8
VARBL													
CALM												18.7	
	17.3	35.1	20.0	8.0	.7		.1	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026 STATION HOMESTEAD AFB FLORIDA

43, 45, 56-70 YEARS

OCT MONTH

ALL WEATHER CLASS

0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.9	5.4	1.3								13.0	6.9
NNE	.7	2.5	2.3	.7	.1			.1				6.5	7.7
NE	.4	1.7	2.7	2.5	.4	.1						7.9	9.6
ENE	.6	1.6	4.9	4.5	1.3	.1		.1				13.0	10.8
E	1.0	3.7	9.8	4.1	.4							19.0	8.8
ESE	.5	1.9	3.2	.7	.1							6.4	7.8
SE	.2	1.1	2.1	.6								4.0	7.9
SSE	.2	1.0	1.5	.6								3.3	8.1
S	.4	1.0	1.6	.6	.1							3.7	7.9
SSW	.3	.3	.9	.6	.2							2.3	9.9
SW	.4	.1	.9	.4								1.8	8.3
WSW	.2	.4	.4	.1								1.0	6.7
W	.6	1.0	.6	.3	.1							2.6	6.7
WNW	.6	.6	.6	.3								2.0	6.1
NW	.2	.9	.8	.5	.1							2.5	8.2
NNW	.9	2.0	1.8	1.3		.1						6.0	7.6
VARBL													
CALM												5.1	
	8.4	24.7	39.5	19.1	2.7	.4		.2				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	2.0	.5	.1							4.4	7.8
NNE	.1	.3	1.0	.9	.2							2.6	10.4
NE	.2	.8	3.0	3.2	.8	.2						8.1	11.2
ENE	.4	1.5	6.7	7.8	1.8	.4	.1					18.8	11.7
E	.8	5.8	13.7	4.6	.5		.1					25.5	8.7
ESE	.5	2.0	5.8	.9	.1							9.2	8.0
SE	.2	1.1	2.3	.9								4.6	8.1
SSE	.3	.7	1.8	.8	.1							3.6	8.9
S	.1	1.1	2.1	.6	.1							3.9	8.4
SSW	.1	.3	.6	.5	.1							1.6	9.8
SW	.3	.5	.8	.9	.3							2.7	9.9
WSW	.2	.3	.4	.5	.1							1.3	9.1
W	.3	.9	.8	1.0								3.0	8.4
WNW	.4	.7	.8	.4	.1							2.3	7.5
NW	.2	.4	1.4	.6	.2							2.7	8.9
NNW	.4	1.0	2.5	.6	.1	.1						4.6	8.3
VARBL													
CALM												1.1	
	4.6	18.9	45.7	24.4	4.4	.6	.3					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

1581



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	2.3	.5	.1	.1						4.6	7.8
NNE	.2	.6	.9	.8	.3	.1						2.8	9.9
NE	.2	.6	3.7	4.4	.6	.1						9.6	11.2
ENE	.2	2.9	7.8	7.5	.8	.2	.1					19.4	10.5
E	1.1	6.7	13.3	3.4	.4	.2						25.0	8.1
ESE	.6	3.9	3.5	.3			.1					8.4	6.8
SE	.8	2.3	2.3	.3		.1						5.8	6.8
SSE	.4	1.1	1.4	.3	.1							3.4	7.4
S	.6	1.3	1.1	.2		.1						3.4	6.8
SSW	.1	.4	.9	.4								1.9	8.2
SW	.2	.3	.7	.8	.1							2.0	9.3
WSW	.1	.1	.9	.4	.1	.1						1.6	10.2
W	.6	.9	.6	1.1	.1							3.4	8.2
WNW	.4	.4	.6	.1								1.6	6.1
NW	.3	.9	.8	.2								2.1	6.8
NNW	.4	.9	2.0	.4	.1	.1						3.9	8.1
VARBL													
CALM												1.1	
	6.8	24.7	42.8	21.2	2.5	.8	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

1581

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

ALL WEATHER  
CLASS

CONDITION

OCT  
MONTH

1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.9	1.9	.8	.1							8.4	5.8
NNE	.8	2.5	2.1	.9								6.2	7.1
NE	1.0	2.9	4.6	1.6	.1	.1						10.3	8.0
ENE	1.2	4.9	4.8	2.8	.4	.1						14.2	8.0
E	4.7	8.5	5.8	1.8	.2							21.1	6.1
ESE	1.5	1.5	.9	.1								4.0	4.6
SE	1.2	1.3	.3		.1	.1	.1					3.0	5.7
SSE	.9	.9	.4	.1								2.3	5.2
S	1.4	1.4	.3									3.1	4.2
SSW	.2	.5	.1									1.1	7.4
SW	.4	1.1	.6	.1		.1	.1					2.3	5.9
WSW	.6	1.0	.2		.1	.1						1.8	4.3
W	.3	1.3	.8	.1	.1							2.9	5.5
WNW	.4	.7	.2									1.3	4.3
NW	.6	.8	.2	.1	.1							1.8	5.3
NNW	.7	1.0	.2	.1	.1							2.7	6.0
VARBL													
CALM													
	18.4	34.3	24.0	8.4	1.1	.4	.1					13.3	
												100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	7.8	3.0	.6								15.2	5.2
NNE	1.1	1.8	1.0	.7	.1							4.7	6.5
NE	1.1	1.6	2.0	1.1	.1							5.9	7.4
ENE	.7	2.8	4.6	1.9	.4							10.4	8.4
E	4.4	5.8	5.8	2.3	.1							18.4	6.5
ESE	1.5	1.6	1.8	.6	.1							5.5	6.4
SE	.8	.8	.4	.1								1.9	4.6
SSE	.6	1.0	.5	.1								2.2	4.9
S	.7	.7	.1									1.5	4.0
SSW	.7	.6										1.3	3.6
SW	.4	.9	.1	.1	.1							1.5	5.7
WSW	.8	.6			.1							1.4	3.8
W	.7	.9	.2									1.8	4.1
WNW	.9	.9	.3	.1								2.2	4.7
NW	1.0	1.1	.3	.1	.1							2.5	4.7
NNW	1.0	2.0	.7	.1	.1	.1						3.9	5.9
VARBL													
CALM												19.6	
	20.1	21.0	20.6	7.7	.9	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1580

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	7.7	5.8	.8								17.0	6.1
NNE	.6	1.4	.2	.1								2.3	4.8
NE	.5	1.2	1.0	1.3	.1	.1						4.2	8.4
ENE	.5	1.0	2.4	1.6								5.6	8.9
E	1.9	3.7	6.0	2.2	.3							14.2	7.7
ESE	.3	1.6	1.6	.4								4.0	6.8
SE	.3	.5	.2	.3								1.3	6.6
SSE	.4	.5	.2									1.2	4.7
S	.6	.4	.1									1.2	3.8
SSW	1.1	.3	.1									1.5	3.1
SW	.5	.4										1.0	3.3
WSW	.5	.2										.7	3.1
W	.7	1.0	.1									1.7	3.9
WNW	1.5	1.2	.1									2.9	3.9
NW	2.5	2.1	1.4	.4								6.5	5.0
NNW	2.1	4.1	3.8	.8	.1							11.0	6.4
VARBL													
CALM												23.9	
	17.0	27.6	23.0	7.9	.5	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1455

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	9.2	6.2	.7								20.4	5.8
NNE	.8	1.4	.8	.1								3.0	5.3
NE	.3	.3	1.1	.9								2.5	9.1
ENE	.7	1.2	1.9	1.1								4.8	8.0
E	1.4	3.6	4.5	1.3	.1							11.1	7.2
ESE	1.0	1.0	1.5	.3								3.8	6.0
SE	.4	.7	.2	.2								1.5	5.3
SSE	.6	.8	.1									1.5	4.0
S	.0	.1	.4									1.1	4.8
SSW	.8	.3	.3									1.3	4.0
SW	.6	.2	.1									1.0	3.4
WSW	.2	.6										.8	4.1
W	.6	.2	.2	.1								1.2	4.6
WNW	.9	.9	.2									2.0	4.1
NW	1.9	2.8	1.7	.6								6.9	5.7
NNW	3.9	4.4	3.2	1.4	.1							14.9	6.3
VARBL													
CALM												22.1	
	18.8	27.9	24.1	6.8	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1454

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	10.9	7.0	2.1								24.6	6.1
NNE	1.1	1.8	1.8	.1								4.7	5.6
NE	.4	.8	.9	.9								3.0	8.4
ENE	.8	.9	1.6	1.6	.1							5.0	8.6
E	1.9	3.3	4.3	1.6	.2							11.3	7.4
ESE	1.0	1.2	1.0	.3								3.5	6.0
SE	.5	.8	.4									1.6	5.0
SSE	.5	.6	.1	.1								1.3	4.2
S	1.0	.3	.3	.1								1.6	4.3
SSW	.8	.1	.1									.9	2.8
SV:	.1	.3	.1									.5	5.8
WSW	.7	.2	.1	.1								1.1	4.0
W	.6	.6	.1									1.4	3.9
WNW	.6	.2	.3	.1								1.4	3.3
NW	1.1	2.1	.8	.4								4.5	5.7
NNW	3.0	5.8	5.2	1.3	.1							15.5	5.4
VARBL													
CALM												17.9	
	18.6	30.0	24.5	8.5	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1453

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	5.8	8.2	4.7	.2							20.3	8.1
NNE	.8	1.9	2.4	1.1	.1							6.3	7.6
NE	.8	.8	1.9	2.2	.1							5.7	9.0
ENE	.2	1.0	3.2	4.4	1.1	.1						10.0	11.5
E	.7	2.1	7.3	5.6	.7							16.4	9.7
ESE	.3	.8	3.9	1.5	.1	.1						6.6	9.1
SE	.1	.8	1.6	.5								3.5	7.8
SSE	.1	.3	1.0	.7								2.0	9.1
S	.5	1.0	1.0	.2								2.8	6.3
SSW	.1	1.0	.7	.2								1.9	6.8
SW	.2	.3	.5	.5								1.5	8.3
VSW	.3	.7	.4	.2	.1							1.7	7.0
W	.1	1.2	1.0	.1								2.4	6.5
WNW	.4	.7	.8	.1								2.1	6.1
NW	.5	1.4	1.8	.4	.1							4.3	7.2
NNW	1.0	2.2	4.7	2.1								10.0	8.2
VARBL													
CALM												.9	
	7.8	21.3	40.3	24.5	2.2	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1455

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

NDV  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.2	2.7	2.7	.2							8.4	9.0
NNE	.3	1.1	1.4	1.1								4.0	8.6
NE	.3	.8	2.3	3.9	.4	.2						8.0	11.2
ENE	.2	1.6	5.6	7.1	2.1	.1						18.7	11.8
E	.3	3.3	9.8	6.9	.5	.1						21.0	9.9
ESE	.3	.2	4.0	2.1								7.6	9.0
SE	.1	.5	2.3	.4								3.3	8.5
SSE		.2	1.0	.4	.1							1.8	9.7
S	.1	.5	1.2	.8								2.6	8.7
SSW	.3	.8	1.1	.2								2.4	6.6
SW	.3	.4	.5	.6	.1							2.0	8.5
WSW	.3	.6	.5	.5								2.0	8.3
W	.3	.9	1.1	.8	.1							3.2	8.5
WNW	.2	.9	1.0	.2								2.3	7.2
NW	.3	.5	1.9	.9								3.6	8.7
NNW	.3	1.8	2.8	3.4	.1							8.4	9.5
VARBL													
CALM												.8	
	4.3	17.5	39.2	14.1	3.7	.4						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 1455



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
I.	.6	1.7	3.0	1.6	.1							6.9	8.4
NNE	.2	.8	1.0	1.2								3.2	8.9
NE	.2	1.2	4.7	4.1	.3	.1						10.6	10.4
ENE	.1	3.2	8.7	6.7	1.0							19.7	10.0
E	1.0	5.6	10.2	5.2	.3	.1						22.4	8.6
ESE	.5	2.4	2.8	.4								6.2	6.9
SE	.3	1.6	1.9									3.8	6.5
SSE	.1	.9	1.3	.3								2.5	7.6
S	.2	1.7	1.1	.1								3.2	6.6
SSW		.8	.7	.3								1.7	7.7
SW	.2	.6	.8	.3								2.0	7.5
WSW	.1	.3	.3	.3		.1						1.2	9.6
W	.3	1.1	1.4	1.0	.1							3.9	8.3
WNW	.2	.8	1.0	.3	.1							2.4	8.0
NW	.1	1.0	1.6	.6								3.3	8.1
NNW	.1	1.4	2.6	1.9	.1							6.1	8.9
VARBL													
CALM												1.0	
	4.3	25.0	42.0	24.3	2.1	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

1455

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 45, 56, 70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.0	4.4	1.4								11.8	6.9
NNE	.3	2.6	1.7	1.2								5.9	7.5
NE	1.6	3.2	3.2	1.9	.2							10.1	7.3
ENE	2.8	5.5	4.4	2.5	.2							15.5	6.8
E	2.5	5.3	4.9	1.8	.4							14.8	6.9
ESE	1.2	.6	.3	.1								2.3	4.4
SE	1.4	.3	.1									1.8	2.8
SSE	1.0	1.1	.5									2.5	4.2
S	1.6	1.2	.1	.1								3.0	3.5
SSW	1.2	.7										1.9	3.3
SW	1.4	.5	.1									2.1	3.5
WSW	.5	.4	.3									1.2	4.6
W	1.8	1.2	1.0	.1								4.2	4.7
WNW	.7	.3	.5	.1								1.6	5.1
NW	.4	1.3	.8	.3								2.9	6.6
NNW	1.7	1.6	1.4	.7								5.4	6.1
VARBL													
CALM												13.1	
	22.2	29.9	23.6	10.4	.8							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1455

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,45,56-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.9	5.2	1.3								15.2	6.3
NNE	.8	1.4	1.2	.5								4.0	6.4
NE	1.2	1.2	1.8	1.4	.2							5.7	8.1
ENE	1.1	2.6	2.9	2.8	.1							9.6	8.4
E	2.2	4.0	5.0	2.7	.5							15.2	7.6
ESE	1.2	.9	.8	.4								3.4	5.7
SE	.5	.3	.1									.9	3.6
SSE	.9	.5	.1	.1								1.5	3.8
S	.5	.3	.1	.1								1.0	4.0
SSW	.5	.4	.1	.1								1.0	4.3
SW	.6	.1										.8	2.8
WSW	.7	.4	.1									1.2	3.3
W	2.1	1.2	.5	.1								4.0	4.0
WNW	1.2	.7	.3	.1								2.3	4.1
NW	1.1	1.4	1.2	.5								4.1	6.2
NNW	1.7	.2	3.4	1.0								8.3	6.8
VARBL													
CALM												21.9	
	19.2	24.5	22.7	10.9	.8							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1455

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,5670  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	8.4	7.3	1.1								20.5	6.2
NNE	.9	.6	.1									1.7	3.4
NE	.7	.4	.3	.5								2.0	7.0
ENE	1.0	1.1	1.7	1.1	.1							5.0	7.3
E	2.0	3.8	3.8	2.0	.1							11.7	7.2
ESE	.9	1.8	2.9	.9								6.3	7.4
SE	.5	1.1	2.5	.1	.1							4.3	7.0
SSE	.5	.9	.5									1.9	4.9
S	.5	.9	.1									1.3	4.5
SSW	.5	.3	.1									.9	3.3
SW	.7	.3	.1	.1								1.3	5.0
WSW	.5	.4	.3	.1								1.2	4.9
W	1.2	.7	.1									2.0	3.3
WNW	1.1	1.0	.1									2.3	3.9
NW	1.5	1.8	1.7	.6	.1							5.7	6.6
NNW	1.2	4.2	3.5	1.2								10.6	6.8
VARBL													
CALM												20.8	
	17.7	28.1	25.2	7.9	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1487

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,5670  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	9.7	6.8	1.7								22.5	6.0
NNE	.7	1.1	.9									2.6	3.1
NE	.4	.3	.6	.5								1.7	7.9
ENE	.9	1.0	1.2	.7								3.8	7.0
E	2.2	3.3	3.4	1.8								10.7	6.8
ESE	1.4	2.0	1.7	1.0								6.1	6.7
SE	.7	1.2	1.7	.4								4.1	6.6
SSE	.9	1.4	.3									2.7	4.4
S	.5	.7	.1	.1								1.3	4.5
SSW	.5	.5	.1									1.1	3.4
SW	.6	.3	.3		.1							1.4	5.8
WSW	.2	.2	.1	.1								.6	4.8
W	1.0	.3	.1	.1								1.4	3.5
WNW	.8	.9	.3	.1								2.1	4.8
NW	1.3	2.0	1.5	.6	.1							5.4	6.5
NNW	2.4	3.2	4.2	1.6	.1							13.4	6.6
VARBL													
CALM												19.0	
	18.8	29.9	22.3	8.7	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1487

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,5670  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	9.9	9.6	1.7	.2							25.6	6.4
NNE	1.3	1.8	1.1	.1								4.4	5.2
NE	.5	.5	.4	.2	.1							1.7	6.1
ENE	.9	1.2	1.3	.9	.1							4.5	7.5
E	1.3	3.5	3.7	1.1								9.6	7.0
ESE	1.5	1.5	1.9	.7								5.6	6.5
SE	.7	1.0	1.1	.1								3.0	6.1
SSE	.7	1.1	.7									2.5	4.7
S	.5	.5	.2	.1								1.3	5.5
SSW	.2	.2										.5	3.4
SW	.3	.5	.2									1.1	4.8
WSW	.2	.3	.2	.1								.7	5.8
W	.7	.4	.3	.1								1.4	4.7
WNW	.2	.4	.1	.1								.9	5.6
NW	1.4	1.9	1.7	.5								5.6	6.0
NNW	1.6	4.7	3.4	1.6	.1							11.4	6.8
VARBL													
CALM												20.1	
	16.5	29.5	26.0	7.5	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
BTAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,56-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	6.9	10.3	4.7	.4							24.3	8.0
NNE	.6	2.0	3.1	.8								6.3	7.4
NE	.9	.7	1.4	.5	.3							3.8	7.7
ENE	.5	.8	1.9	2.6	.2							6.0	9.8
E	.7	2.1	5.6	4.7	.6							13.6	9.7
ESE	.3	1.2	3.7	2.5	.7							8.3	10.0
SE	.5	1.0	3.0	1.3	.1							6.0	8.8
SSE	.5	.7	1.8	.9								3.8	8.2
S	.4	.3	1.4	1.2								3.3	9.1
SSW	.3	.3	.9	.1								1.7	7.2
SW	.1	.5	.4									1.0	6.1
WSW	.3	.4	.4	.1								1.2	6.8
W	.2	.6	.5	.3	.1							1.7	7.7
WNW	.3	.6	.7	.6								2.2	8.0
NW	.3	1.3	1.7	1.0	.1							4.3	8.3
NNW	.7	1.6	3.4	2.6	.2							8.3	9.2
VARBL													
CALM												3.8	
	8.4	21.0	40.2	24.0	2.6							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43, 56-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNT) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	5.2	3.7	.5							11.7	9.5
NNE	.4	1.3	2.4	.7								4.7	8.0
NE	.1	.9	2.2	2.2	.1							5.6	10.2
ENE	.4	1.3	4.0	4.9	.3							11.0	10.4
E	.5	2.9	7.7	7.1	.7							19.0	9.9
ESE	.3	1.7	5.0	4.3	.5	.1						11.8	10.3
SE		.6	2.7	1.9	.2							5.4	10.4
SSE	.2	.4	1.3	.9								2.8	9.1
S	.1	.8	1.8	1.7								4.4	9.4
SSW	.1	.3	1.1	.9	.1							2.6	10.2
SW		.5	.9	.5								1.9	9.4
WSW	.1	.5	.5	.3								1.4	8.4
W	.3	.5	.5	.7	.1							2.2	9.2
WNW	.1	.5	1.1	.4	.1							2.2	9.2
NW	.1	.4	3.2	1.4	.3							5.4	9.9
NNW	.3	1.2	2.4	2.6	.3	.1						6.9	10.0
VARBL													
CALM												1.1	
	3.4	15.3	42.1	34.3	3.4	.1						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

1488



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12826 STATION NAME HOMESTEAD AFB FLORIDA YEARS 43, 56, 70 MONTH DEC  
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	4.8	1.6	.3							8.5	8.8
NNE	.1	.5	2.2	1.2								4.0	9.6
NE	.1	.7	3.2	3.0	.3							7.3	10.3
ENE	.5	2.6	5.1	3.6	.3							13.2	9.1
E	.8	5.8	11.0	4.0	.1							21.7	8.2
ESE	.7	3.3	4.2	1.7	.2							10.1	7.7
SE	.5	1.5	2.4	1.1	.1							5.5	8.1
SSE	.3	.7	1.0	.5								2.4	7.6
S	.1	2.0	2.2	.6								4.9	7.5
SSW	.1	.9	2.2	.5	.1							3.8	8.5
SW		.3	1.0	.4								1.7	9.0
WSW		.4	.7	.2								1.2	8.2
W	.1	.6	1.1	.8								2.6	8.7
WNW	.1	.8	1.0	.8								2.7	8.9
NW	.2	1.0	1.7	.9	.1							4.0	8.8
NNW	.5	1.5	2.7	.8	.1							5.6	7.9
VARBL													
CALM												.7	
	4.1	24.4	47.3	21.7	1.7							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12826 STATION NAME HOMESTEAD AFB FLORIDA YEARS 43, 56-70 MONTH DEC  
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	5.6	3.6	1.6	.1							13.8	6.4
NNE	.9	2.4	1.9	.3								5.4	6.0
NE	1.1	2.6	2.6	1.1	.1							7.5	7.1
ENE	2.7	3.8	3.0	.9	.1							10.5	6.0
E	3.2	5.2	5.0	1.5	.1							15.0	6.4
ESE	1.7	2.0	1.3	.6								5.7	5.7
SE	1.5	1.3	.5	.2								3.5	4.7
SSE	1.5	1.1	.1									2.7	3.3
S	1.4	1.8		.1								3.4	4.1
SSW	1.4	.5	.1	.1								2.2	3.6
SW	.3	1.2	.3	.1								1.9	5.2
WSW	.3	1.3	.2	.1								1.8	5.1
W	.9	1.7	.5	.1								3.3	4.7
WNW	.7	1.1	.7	.1								2.7	5.6
NW	.7	1.8	1.1	.7	.1							4.4	6.7
NNW	.6	2.2	1.2	.5	.1							4.6	6.5
VARBL												11.6	
CALM													
	21.8	35.6	22.2	8.0	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,56-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	6.7	5.6	1.7								17.1	5.8
NNE	1.2	2.0	1.0	.1								4.4	5.4
NE	.7	1.5	1.1	.7	.2							4.3	7.5
ENE	1.1	2.2	1.5	.9	.1							5.8	6.9
E	2.4	4.6	5.0	2.4								14.4	7.2
ESE	1.0	1.9	2.1	.7								5.6	7.1
SE	1.1	1.3	.9	.3								3.6	5.5
SSE	1.1	.5	.3									1.9	4.1
S	.9	.6	.1									1.7	3.4
SSW	.9	.3										1.2	2.4
SW	.9	.3	.1									1.3	3.4
WSW	.5	.7	.2									1.4	4.4
W	1.0	1.2	.2	.1								2.5	4.3
WNW	1.4	1.6	.5									3.6	4.5
NW	.9	2.1	1.5	.6	.1							5.1	6.7
NNW	1.3	2.5	2.0	.7								6.9	6.4
VARBL													
CALM												19.3	
	12.4	30.5	22.2	8.2	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12926  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45,56-70  
YEARS

ALL  
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE

CONDITION

AND/OR VSBY 1/2 TO 2 1/2 MI W/CIG 200 FT OR MORE

ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.7	6.0	3.0	.2	.0	.1	.1		.1	.0	15.8	8.6
NNE	.5	1.4	1.4	.7	.2	.1		.1			.0	4.3	9.2
NE	.2	.8	1.6	1.8	.6	.1		.0			.0	5.1	11.4
ENE	.4	.7	1.0	1.6	.4	.1	.1	.1				4.3	11.6
E	.5	1.0	2.2	3.0	.3	.1	.1		.0		.1	7.4	11.4
ESE	.2	1.1	1.7	1.0	.1	.1	.1					4.3	9.3
SE	.5	.7	1.2	.7	.2	.1		.0				3.5	9.2
SSE	.3	.8	1.1	1.0	.1	.1		.1		.0		3.5	10.4
S	.9	1.2	1.1	.6	.6	.2	.0					4.9	9.3
SSW	1.0	.5	.3	1.1	.1	.1						3.1	8.2
SW	.6	.7	.8	.5	.2							2.7	7.5
WSW	.7	.7	.7	.4	.1	.1						2.6	7.6
W	1.0	1.2	.8	.9	.2							4.1	7.3
WNW	.7	1.2	1.0	.8	.1							3.8	7.7
NW	1.0	1.8	1.9	1.0	.3		.1					6.1	7.9
NNW	1.3	2.8	4.2	2.1	.3	.1	.1					10.8	8.3
VARBL													
CALM												13.6	
	11.5	21.2	27.2	20.5	3.8	1.1	.5	.4	.0	.1	.2	100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

3221

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance; from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 4.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826

HOMESTEAD AFB FLORIDA

43-45.56-70

YEARS

ALL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	21.1	56.4	57.1	57.5	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4
IV 18000	28.5	71.7	72.6	73.0	73.3	73.3	73.3	73.6	73.6	73.7	73.8	73.8	73.9	73.9	74.0	74.1
IV 16000	28.7	72.0	72.8	73.2	73.5	73.6	73.8	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.3
IV 14000	28.9	72.3	73.2	73.6	73.9	74.0	74.1	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.6	74.7
IV 12000	29.7	73.5	74.4	74.8	75.1	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.8	75.9
IV 10000	30.6	75.8	76.8	77.2	77.5	77.5	77.7	77.8	77.8	77.8	77.9	78.0	78.0	78.1	78.2	78.3
IV 9000	31.5	79.0	79.9	80.4	80.7	80.7	80.9	81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.4	81.5
IV 8000	31.7	79.6	80.6	81.0	81.4	81.4	81.6	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.1	82.2
IV 7000	32.2	81.5	82.5	82.9	83.3	83.3	83.5	83.6	83.6	83.7	83.8	83.8	83.9	83.9	84.0	84.1
IV 6000	32.5	82.8	83.8	84.3	84.6	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.3	85.4
IV 5000	32.7	83.7	84.8	85.3	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.3	86.4
IV 4500	33.1	85.1	86.2	86.7	87.0	87.1	87.3	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.8	87.9
IV 4000	33.3	85.6	86.8	87.3	87.6	87.7	87.9	88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.4	88.5
IV 3500	33.5	86.6	87.8	88.3	88.6	88.7	88.9	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.4	89.5
IV 3000	33.9	87.3	88.5	89.0	89.4	89.5	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.1	90.1	90.2
IV 2500	34.6	88.7	89.9	90.5	90.9	90.9	91.1	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.7
IV 2000	35.9	91.1	92.4	93.0	93.4	93.5	93.7	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.3
IV 1800	37.1	93.7	95.2	95.8	96.3	96.4	96.6	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.3
IV 1500	37.2	94.0	95.5	96.2	96.7	96.7	97.0	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.7
IV 1200	37.4	94.5	96.2	96.9	97.4	97.5	97.8	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.5
IV 1000	37.5	94.8	96.5	97.2	97.8	97.9	98.2	98.3	98.4	98.5	98.6	98.6	98.7	98.8	98.8	98.9
IV 900	37.5	94.9	96.6	97.4	98.0	98.1	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.2
IV 800	37.5	95.0	96.7	97.5	98.1	98.2	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.4
IV 700	37.6	95.1	96.8	97.6	98.2	98.3	98.7	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.5
IV 600	37.6	95.1	96.8	97.6	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 500	37.6	95.1	96.8	97.7	98.3	98.4	98.8	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7
IV 400	37.6	95.1	96.9	97.7	98.4	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.8
IV 300	37.6	95.1	96.9	97.7	98.4	98.5	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.8	99.9
IV 200	37.6	95.1	96.9	97.7	98.4	98.5	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
IV 100	37.6	95.1	96.9	97.7	98.4	98.5	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0
IV 0	37.6	95.1	96.9	97.7	98.4	98.5	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 145739

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44, 57, 70  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	17.7	55.3	56.6	57.3	58.0	58.1	58.4	58.5	58.5	58.7	58.9	58.9	59.2	59.2	59.4	59.8
IV 20000	19.9	62.1	62.8	64.3	65.0	65.1	65.4	65.5	65.5	65.7	65.9	65.9	66.2	66.2	66.3	66.8
IV 18000	20.0	62.2	62.9	64.4	65.1	65.2	65.5	65.6	65.6	65.8	66.0	66.0	66.3	66.3	66.4	66.9
IV 16000	20.1	62.4	63.0	64.6	65.2	65.4	65.7	65.8	65.8	66.1	66.2	66.3	66.3	66.6	66.8	67.1
IV 14000	20.3	63.7	65.1	65.9	66.5	66.6	67.0	67.1	67.1	67.3	67.5	67.5	67.7	67.8	68.1	68.4
IV 12000	21.0	65.0	66.4	67.2	67.9	68.0	68.3	68.5	68.5	68.7	68.9	68.9	69.1	69.2	69.3	69.8
IV 10000	21.5	67.9	69.3	70.3	71.0	71.1	71.4	71.5	71.5	71.8	71.9	72.0	72.2	72.3	72.5	72.9
IV 9000	21.6	68.6	70.2	71.0	71.7	71.8	72.2	72.3	72.3	72.5	72.7	72.7	73.0	73.1	73.3	73.6
IV 8000	22.0	71.0	72.6	73.5	74.2	74.3	74.6	74.8	74.8	75.0	75.2	75.2	75.5	75.6	75.8	76.1
IV 7000	22.2	73.3	75.0	75.9	76.6	76.7	77.1	77.2	77.2	77.5	77.6	77.7	77.9	78.0	78.2	78.6
IV 6000	22.4	74.9	76.6	77.5	78.3	78.4	78.7	78.8	78.9	79.1	79.3	79.3	79.6	79.7	79.9	80.2
IV 5000	23.2	78.4	80.1	81.0	81.8	81.9	82.2	82.4	82.4	82.7	82.8	82.9	83.1	83.2	83.4	83.8
IV 4500	23.4	79.5	81.3	82.2	83.0	83.1	83.4	83.6	83.6	83.9	84.0	84.1	84.3	84.4	84.6	85.0
IV 4000	23.8	81.4	83.2	84.2	84.9	85.1	85.4	85.6	85.6	85.8	86.0	86.1	86.3	86.4	86.6	87.0
IV 3500	24.3	82.9	84.8	85.7	86.5	86.7	87.0	87.1	87.2	87.4	87.6	87.6	87.9	88.0	88.2	88.6
IV 3000	24.9	85.0	86.9	88.0	88.8	88.9	89.2	89.4	89.4	89.7	89.8	89.9	90.1	90.2	90.5	90.8
IV 2500	25.5	87.0	89.0	90.1	90.9	91.1	91.5	91.6	91.6	91.9	92.1	92.1	92.4	92.5	92.7	93.1
IV 2000	26.0	88.9	91.0	92.2	93.1	93.3	93.7	93.9	93.9	94.1	94.3	94.3	94.6	94.7	95.0	95.3
IV 1800	26.1	89.2	91.3	92.5	93.4	93.6	94.0	94.2	94.2	94.5	94.7	94.7	95.0	95.1	95.3	95.7
IV 1500	26.2	89.8	92.0	93.2	94.2	94.3	94.8	95.0	95.0	95.3	95.5	95.5	95.8	95.9	96.1	96.5
IV 1200	26.3	90.2	92.5	93.8	94.8	95.0	95.4	95.6	95.7	96.0	96.2	96.2	96.5	96.6	96.8	97.2
IV 1000	26.3	90.3	92.9	94.2	95.2	95.4	95.9	96.1	96.2	96.5	96.7	96.7	97.0	97.1	97.4	97.7
IV 900	26.3	90.6	93.0	94.3	95.3	95.5	96.0	96.2	96.3	96.6	96.8	96.8	97.1	97.2	97.5	97.8
IV 800	26.4	90.7	93.2	94.5	95.5	95.7	96.2	96.3	96.3	96.6	96.9	97.1	97.1	97.4	97.5	97.8
IV 700	26.4	90.8	93.3	94.6	95.7	96.0	96.3	96.7	96.8	97.1	97.3	97.4	97.7	97.8	98.0	98.4
IV 600	26.4	90.9	93.4	94.7	95.9	96.1	96.7	97.0	97.0	97.4	97.6	97.7	98.0	98.1	98.3	98.7
IV 500	26.4	90.9	93.5	94.9	96.1	96.3	96.9	97.2	97.3	97.6	97.8	97.9	98.2	98.3	98.6	99.0
IV 400	26.4	91.0	93.6	95.0	96.2	96.3	97.1	97.4	97.5	97.8	98.1	98.1	98.4	98.6	98.8	99.2
IV 300	26.4	91.0	93.6	95.0	96.2	96.3	97.2	97.5	97.6	98.0	98.2	98.3	98.6	98.7	99.0	99.4
IV 200	26.4	91.0	93.6	95.0	96.2	96.3	97.2	97.6	97.7	98.0	98.3	98.4	98.8	98.9	99.2	99.6
IV 100	26.4	91.0	93.6	95.0	96.2	96.3	97.2	97.6	97.7	98.1	98.4	98.5	98.9	99.0	99.3	99.8
IV 0	26.4	91.0	93.6	95.0	96.2	96.3	97.2	97.6	97.7	98.1	98.4	98.5	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

11156

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-57-70  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼
NO CEILING	21.7	60.7	62.0	62.6	63.2	63.3	63.6	63.8	63.9	64.1	64.3	64.3	64.5	64.6	64.7
≥ 20000	24.0	66.7	68.2	68.9	69.3	69.7	69.9	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8
IV 18000	24.2	66.9	68.4	69.1	69.7	69.8	70.1	70.3	70.4	70.7	70.8	70.8	71.0	71.1	71.3
IV 16000	24.2	67.2	68.7	69.4	70.1	70.2	70.4	70.6	70.7	71.0	71.1	71.2	71.3	71.4	71.6
IV 14000	24.3	67.9	69.3	70.0	70.7	70.8	71.0	71.3	71.3	71.6	71.8	71.8	72.0	72.1	72.3
IV 12000	24.6	68.9	70.4	71.1	71.8	71.9	72.2	72.4	72.5	72.7	72.9	72.9	73.1	73.2	73.4
IV 10000	24.9	70.9	72.5	73.2	73.9	74.0	74.2	74.5	74.6	74.8	75.0	75.0	75.2	75.3	75.5
IV 9000	25.3	71.7	73.3	74.0	74.7	74.8	75.1	75.3	75.4	75.6	75.8	75.8	76.0	76.1	76.3
IV 8000	25.6	73.3	74.9	75.6	76.3	76.4	76.7	76.9	77.0	77.3	77.5	77.5	77.7	77.8	78.0
IV 7000	26.0	75.1	76.7	77.4	78.1	78.3	78.5	78.8	78.9	79.1	79.3	79.3	79.5	79.6	79.8
IV 6000	26.1	76.3	78.2	79.0	79.7	79.8	80.1	80.3	80.4	80.7	80.9	80.9	81.1	81.2	81.4
IV 5000	26.4	79.2	80.9	81.7	82.4	82.5	82.8	83.0	83.1	83.4	83.6	83.6	83.8	83.9	84.1
IV 4500	26.6	80.4	82.2	82.9	83.6	83.7	84.0	84.3	84.3	84.7	84.9	84.9	85.0	85.2	85.4
IV 4000	27.0	82.3	84.1	84.9	85.6	85.7	86.0	86.3	86.3	86.6	86.8	86.8	87.0	87.1	87.4
IV 3500	27.4	83.6	85.3	86.2	87.0	87.1	87.4	87.6	87.7	88.0	88.2	88.2	88.4	88.5	88.7
IV 3000	28.1	85.3	87.4	88.2	88.9	89.0	89.2	89.6	89.7	90.0	90.2	90.2	90.4	90.5	90.7
IV 2500	28.8	87.3	89.6	90.4	91.1	91.2	91.6	91.8	91.9	92.2	92.4	92.4	92.6	92.7	92.9
IV 2000	29.8	89.3	91.7	92.6	93.4	93.5	93.9	94.1	94.2	94.5	94.7	94.7	94.9	95.0	95.2
IV 1800	30.0	90.1	92.3	93.2	94.0	94.1	94.4	94.7	94.8	95.1	95.3	95.3	95.5	95.6	95.8
IV 1500	30.3	91.1	93.4	94.4	95.1	95.3	95.6	95.9	96.0	96.3	96.5	96.5	96.7	96.8	97.0
IV 1200	30.7	91.7	94.0	95.0	95.8	96.0	96.3	96.6	96.7	97.0	97.2	97.3	97.4	97.5	97.8
IV 1000	30.7	91.9	94.3	95.4	96.2	96.3	96.6	97.0	97.1	97.3	97.7	97.7	97.9	98.0	98.2
IV 900	30.8	92.0	94.4	95.5	96.3	96.4	96.7	97.2	97.3	97.6	97.8	97.8	98.0	98.1	98.3
IV 800	30.8	92.1	94.6	95.7	96.5	96.7	97.1	97.4	97.5	97.8	98.0	98.1	98.3	98.3	98.6
IV 700	30.8	92.3	94.7	95.9	96.7	96.9	97.3	97.6	97.7	98.0	98.2	98.2	98.4	98.5	98.8
IV 600	30.8	92.4	94.9	96.0	96.9	97.1	97.5	97.8	97.9	98.2	98.5	98.5	98.7	98.8	99.0
IV 500	30.8	92.4	94.9	96.1	97.0	97.1	97.6	97.9	98.0	98.4	98.6	98.7	98.8	98.9	99.2
IV 400	30.8	92.5	95.0	96.2	97.1	97.3	97.7	98.1	98.2	98.5	98.7	98.8	99.0	99.1	99.3
IV 300	30.8	92.5	95.0	96.2	97.1	97.3	97.7	98.1	98.2	98.6	98.8	98.9	99.1	99.2	99.4
IV 200	30.8	92.5	95.0	96.2	97.1	97.3	97.7	98.1	98.2	98.6	98.8	98.9	99.1	99.2	99.4
IV 100	30.8	92.5	95.0	96.2	97.1	97.3	97.7	98.1	98.2	98.6	98.8	98.9	99.1	99.2	99.4
IV 0	30.8	92.5	95.0	96.2	97.1	97.3	97.7	98.1	98.2	98.6	98.8	98.9	99.1	99.2	99.4

TOTAL NUMBER OF OBSERVATIONS 10842

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAJ

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-57-70  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (1-24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	19.5	59.4	60.5	60.8	61.1	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.8
≥ 20000	22.8	67.8	69.0	69.4	69.7	69.7	69.9	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.4	70.5
IV 18000	23.0	68.1	69.3	69.7	70.0	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.6	70.7	70.8
IV 16000	23.2	68.4	69.6	69.9	70.3	70.3	70.5	70.6	70.6	70.7	70.8	70.8	70.8	70.9	71.0	71.1
IV 14000	23.5	69.2	70.4	70.8	71.1	71.1	71.3	71.4	71.4	71.5	71.6	71.6	71.7	71.7	71.8	71.9
IV 12000	23.9	70.6	71.8	72.2	72.5	72.5	72.7	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.2	73.3
IV 10000	24.5	73.4	74.8	75.1	75.5	75.5	75.7	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.2	76.3
IV 9000	24.7	74.0	75.3	75.7	76.0	76.0	76.2	76.3	76.3	76.4	76.5	76.5	76.6	76.6	76.7	76.8
IV 8000	25.2	76.0	77.4	77.8	78.1	78.1	78.3	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.9	79.0
IV 7000	25.4	77.3	78.7	79.1	79.5	79.5	79.7	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.4
IV 6000	25.6	78.7	80.1	80.6	80.9	81.0	81.2	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.7	81.8
IV 5000	26.1	80.8	82.3	82.7	83.1	83.1	83.4	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.9	84.0
IV 4500	26.4	81.7	83.1	83.6	84.0	84.0	84.2	84.4	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.9
IV 4000	26.8	83.1	84.6	85.1	85.5	85.5	85.8	85.9	85.9	86.1	86.1	86.2	86.3	86.3	86.4	86.5
IV 3500	27.4	84.2	85.8	86.3	86.7	86.7	87.0	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.6	87.7
IV 3000	28.3	86.8	88.5	89.0	89.4	89.5	89.7	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.3	90.4
IV 2500	29.9	89.6	91.3	91.9	92.3	92.3	92.6	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.3
IV 2000	31.0	92.8	94.4	95.0	95.5	95.5	95.8	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.5
IV 1800	31.2	93.2	94.8	95.4	95.9	95.9	96.2	96.4	96.4	96.5	96.6	96.6	96.7	96.7	96.8	96.9
IV 1500	31.3	93.9	95.5	96.1	96.6	96.6	97.0	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.5	97.6
IV 1200	31.6	94.4	96.1	96.7	97.2	97.2	97.6	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.1	98.2
IV 1000	31.7	94.6	96.3	96.9	97.4	97.4	97.8	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.3	98.4
IV 900	31.7	94.7	96.4	97.0	97.5	97.5	97.9	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.5
IV 800	31.7	94.8	96.5	97.1	97.6	97.6	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.6
IV 700	31.7	94.9	96.6	97.2	97.7	97.7	98.1	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.6	98.7
IV 600	31.7	94.9	97.0	97.6	98.1	98.1	98.5	98.6	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.1
IV 500	31.8	95.0	97.1	97.7	98.2	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2
IV 400	31.8	95.0	97.1	97.7	98.2	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2
IV 300	31.8	95.0	97.1	97.7	98.2	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2
IV 200	31.8	95.0	97.1	97.7	98.2	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2
IV 100	31.8	95.0	97.1	97.7	98.2	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2
IV 0	31.8	95.0	97.1	97.7	98.2	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2

TOTAL NUMBER OF OBSERVATIONS 11891

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

42-44-57-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	20.7	64.9	68.9	66.5	66.8	66.9	67.1	67.1	67.1	67.2	67.3	67.3	67.3	67.4	67.5
IV 20000	24.8	74.9	75.9	76.5	76.9	76.9	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.6
IV 18000	24.9	75.0	76.1	76.7	77.1	77.1	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.8
IV 16000	25.0	75.2	76.2	76.9	77.3	77.3	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.9	78.0
IV 14000	25.3	75.8	76.9	77.5	77.9	77.9	78.1	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.6
IV 12000	25.8	77.0	78.1	78.7	79.1	79.2	79.4	79.5	79.5	79.6	79.6	79.7	79.7	79.8	79.9
IV 10000	26.3	79.1	80.2	80.9	81.3	81.3	81.5	81.6	81.6	81.7	81.8	81.8	81.9	81.9	82.0
IV 9000	26.6	79.4	80.6	81.2	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.2	82.2	82.3	82.4
IV 8000	27.0	80.7	81.8	82.5	82.9	82.9	83.1	83.3	83.3	83.4	83.4	83.5	83.5	83.6	83.6
IV 7000	27.3	81.3	82.7	83.3	83.8	83.8	84.0	84.1	84.1	84.2	84.3	84.3	84.4	84.4	84.5
IV 6000	27.6	82.3	83.8	84.1	84.6	84.6	84.8	85.0	85.0	85.1	85.1	85.2	85.2	85.3	85.4
IV 5000	27.9	83.7	84.9	85.6	86.0	86.1	86.3	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.8
IV 4500	28.1	84.3	85.6	86.3	86.7	86.7	87.0	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.5
IV 4000	28.6	85.3	86.8	87.5	88.0	88.0	88.2	88.4	88.4	88.5	88.5	88.6	88.6	88.7	88.8
IV 3500	29.2	86.6	87.9	88.6	89.1	89.1	89.3	89.5	89.5	89.6	89.6	89.7	89.7	89.8	89.9
IV 3000	30.2	88.4	89.8	90.3	91.0	91.0	91.2	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.8
IV 2500	31.6	91.3	92.0	92.7	93.2	93.2	93.4	93.6	93.6	93.7	93.7	93.8	93.8	93.9	94.0
IV 2000	32.6	94.1	95.7	96.3	97.0	97.1	97.3	97.5	97.5	97.6	97.6	97.7	97.7	97.8	97.9
IV 1800	32.9	94.6	96.2	97.0	97.5	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4
IV 1500	33.2	95.2	96.8	97.7	98.2	98.3	98.6	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.2
IV 1200	33.3	95.4	97.1	98.0	98.5	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4
IV 1000	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 900	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 800	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 700	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 600	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 500	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 400	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 300	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 200	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 100	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 0	33.3	95.5	97.2	98.1	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 11519

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AVR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-45, 57-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (1-24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	13.7	53.3	54.1	54.5	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 18000	27.7	71.1	72.5	73.0	73.4	73.6	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2
IV 16000	27.9	71.5	72.9	73.5	73.9	74.0	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6
IV 14000	28.3	72.6	74.0	74.6	75.0	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.8
IV 12000	29.3	73.1	76.5	77.1	77.5	77.6	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.3
IV 10000	30.4	75.4	79.8	80.5	80.9	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.7
IV 9000	30.8	79.2	80.6	81.3	81.7	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.5
IV 8000	31.7	81.2	82.7	83.4	83.8	83.9	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.6
IV 7000	32.2	82.7	84.3	85.0	85.4	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.2
IV 6000	32.4	83.8	85.4	86.0	86.5	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.3
IV 5000	32.5	84.4	86.5	86.8	87.2	87.3	87.5	87.7	87.7	87.8	87.8	87.9	87.9	88.0	88.0	88.0
IV 4500	32.5	84.8	86.5	87.2	87.6	87.7	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.5
IV 4000	32.8	85.4	87.1	87.8	88.3	88.4	88.6	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1
IV 3500	33.1	85.9	87.6	88.4	88.8	88.9	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.6	89.6	89.6
IV 3000	33.8	87.2	89.0	89.7	90.2	90.3	90.6	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0
IV 2500	35.8	90.4	92.1	93.0	93.5	93.6	93.9	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.4
IV 2000	37.2	93.2	95.1	96.0	96.6	96.7	97.1	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6
IV 1800	37.3	93.4	95.4	96.3	96.9	97.0	97.4	97.5	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.0
IV 1500	37.6	94.1	96.2	97.1	97.8	98.0	98.2	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0
IV 1200	37.6	94.3	96.4	97.3	98.1	98.2	98.6	98.9	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3
IV 1000	37.6	94.4	96.5	97.5	98.2	98.4	98.8	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.6
IV 900	37.6	94.4	96.5	97.5	98.3	98.4	98.9	99.1	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.7
IV 800	37.6	94.4	96.5	97.6	98.3	98.5	98.9	99.2	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.8
IV 700	37.6	94.4	96.6	97.6	98.3	98.5	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.8
IV 600	37.6	94.4	96.6	97.6	98.4	98.5	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.8	99.8
IV 500	37.6	94.5	96.6	97.6	98.4	98.5	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.8	99.9
IV 400	37.6	94.5	96.6	97.6	98.4	98.5	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.8	99.9
IV 300	37.6	94.5	96.6	97.6	98.4	98.5	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0
IV 200	37.6	94.5	96.6	97.6	98.4	98.5	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0
IV 100	37.6	94.5	96.6	97.6	98.4	98.5	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0
IV 0	37.6	94.5	96.6	97.6	98.4	98.5	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 12644

USAF ETAC FORM JUL 64 • 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

42-43256-70

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	19.1	44.8	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 20000	30.7	66.9	67.2	67.3	67.6	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 18000	31.1	67.3	67.8	68.0	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 16000	31.6	68.1	68.4	68.6	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 14000	32.9	70.3	70.6	70.9	71.0	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4
IV 12000	34.4	73.4	73.7	74.0	74.1	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 10000	35.4	77.7	78.1	78.4	78.5	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 9000	36.3	79.0	79.3	79.6	79.8	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
IV 8000	37.1	82.0	82.3	82.5	83.0	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 7000	37.2	83.6	84.2	84.5	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
IV 6000	37.3	84.4	85.0	85.4	85.6	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 5000	37.8	85.1	85.9	86.2	86.4	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4500	37.9	85.3	86.2	86.6	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4000	38.0	85.9	86.7	87.1	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV 3500	38.1	86.3	87.0	87.5	87.7	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3000	38.9	87.4	88.2	88.7	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
IV 2500	40.8	90.4	91.3	91.8	92.1	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	42.4	94.0	95.1	95.7	96.1	96.2	96.3	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0
IV 1800	42.6	94.5	95.7	96.3	96.8	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7
IV 1500	42.9	95.3	96.6	97.3	97.9	98.0	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	42.9	95.3	96.9	97.7	98.2	98.4	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IV 1000	42.9	95.7	97.0	97.9	98.4	98.6	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 900	42.9	95.7	97.1	97.9	98.5	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.7	99.7
IV 800	42.9	95.7	97.1	97.9	98.5	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.8
IV 700	42.9	95.7	97.1	97.9	98.5	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
IV 600	42.9	95.7	97.1	98.0	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
IV 500	42.9	95.7	97.1	98.0	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
IV 400	42.9	95.7	97.1	98.0	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
IV 300	42.9	95.7	97.1	98.0	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
IV 200	42.9	95.7	97.1	98.0	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
IV 100	42.9	95.7	97.1	98.0	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
IV 0	42.9	95.7	97.1	98.0	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 12745

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HGMESTAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9
IV 20000	34.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 18000	34.4	80.6	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	34.9	81.2	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 14000	36.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 12000	37.3	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 10000	37.7	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 9000	38.1	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 8000	38.3	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 7000	38.5	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 6000	38.7	90.8	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 5000	38.7	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4500	38.7	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4000	38.8	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	38.9	91.6	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3000	39.3	92.3	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	41.3	93.3	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2000	42.5	97.3	98.1	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	42.6	97.7	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	42.7	98.1	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	42.7	98.1	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	42.7	98.1	98.9	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	42.7	98.1	98.9	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	42.7	98.2	98.9	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	42.7	98.2	98.9	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	42.7	98.2	98.9	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	42.7	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	42.7	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	42.7	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	42.7	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	42.7	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	42.7	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12643

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826

HOMESTEAD AFB, FLORIDA

43m43.56m70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (1-24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	21.7	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥20000	36.7	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 18000	36.8	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 16000	37.1	81.8	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 14000	38.4	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 12000	39.7	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 10000	40.7	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 9000	41.0	89.3	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 8000	41.3	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 7000	41.3	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 6000	41.4	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 5000	41.5	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4500	41.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	41.6	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	41.7	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	42.3	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2500	44.2	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2000	45.9	98.0	98.4	98.4	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	46.1	98.2	98.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	46.2	98.3	99.1	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	46.2	98.3	99.1	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	46.2	98.3	99.2	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	46.2	98.3	99.2	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	46.2	98.3	99.2	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	46.2	98.6	99.2	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 13381



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	20.3	48.4	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9
≥ 20000	32.0	73.1	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7
IV 18000	32.3	73.5	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
IV 16000	32.0	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9
IV 14000	34.7	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9
IV 12000	36.5	79.8	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5
IV 10000	38.1	84.8	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
IV 9000	38.3	85.5	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
IV 8000	38.8	87.2	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
IV 7000	39.1	88.1	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
IV 6000	39.1	88.3	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4
IV 5000	39.2	88.6	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7
IV 4500	39.2	88.6	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
IV 4000	39.3	88.8	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
IV 3500	39.4	89.0	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
IV 3000	39.9	89.7	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9
IV 2500	41.6	92.0	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
IV 2000	43.6	95.5	96.8	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
IV 1800	43.7	95.8	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
IV 1500	43.9	96.3	97.8	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
IV 1200	43.9	96.3	98.0	98.3	98.7	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2
IV 1000	43.9	96.6	98.1	98.4	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.6
IV 900	43.9	96.6	98.1	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	43.9	96.6	98.1	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 700	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 600	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 500	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 400	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 300	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 200	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 100	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 0	43.9	96.6	98.1	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 12725

USAF ETAC FORM 0-14-5 (O11) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12626 HOMESTEAD AFB FLORIDA

424555670

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.1	52.4	53.3	53.5	53.7	53.7	52.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9
≥ 20000	29.9	68.9	69.9	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 18000	30.2	69.0	70.0	70.3	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
IV 16000	30.0	69.2	70.3	70.5	70.7	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000	30.9	70.3	71.6	71.8	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 12000	32.6	74.9	76.0	76.3	76.9	76.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
IV 10000	33.8	79.3	80.8	81.0	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 9000	34.1	80.3	81.8	82.1	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6
IV 8000	34.8	83.3	84.9	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7
IV 7000	35.2	84.9	86.3	86.7	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	35.3	85.7	87.3	87.7	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 5000	35.7	86.3	88.1	88.4	88.7	88.7	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
IV 4500	35.8	86.8	88.3	88.7	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4000	36.0	87.4	89.0	89.4	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3500	36.1	87.7	89.4	89.8	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	36.6	88.3	90.2	90.6	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	37.9	90.6	92.4	92.8	93.2	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	39.4	93.7	95.8	96.3	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	39.3	94.0	96.1	96.7	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	39.6	94.4	96.7	97.3	97.9	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	39.6	94.6	97.0	97.7	98.2	98.2	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	39.6	94.6	97.1	97.8	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	39.6	94.7	97.2	97.9	98.5	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	39.6	94.7	97.2	97.9	98.6	98.7	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	39.6	94.7	97.2	98.0	98.6	98.7	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	39.6	94.8	97.3	98.0	98.7	98.8	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	39.6	94.8	97.3	98.1	98.8	98.9	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	39.6	94.8	97.3	98.1	98.8	98.9	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	39.6	94.8	97.3	98.1	98.8	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	39.6	94.8	97.3	98.1	98.8	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	39.6	94.8	97.3	98.1	98.8	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	39.6	94.8	97.3	98.1	98.8	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 12646

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,45,56-70  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼
NO CEILING	25.6	66.3	67.3	67.7	68.1	68.2	68.3	68.4	68.5	68.6	68.8	68.8	68.9	68.9	69.0
IV 20000	29.7	74.8	75.8	76.4	76.7	76.8	77.0	77.1	77.2	77.3	77.3	77.3	77.6	77.7	77.8
IV 18000	29.7	74.8	75.8	76.4	76.8	76.9	77.0	77.2	77.2	77.4	77.5	77.5	77.7	77.7	77.8
IV 16000	29.9	75.0	76.1	76.6	77.0	77.1	77.2	77.4	77.4	77.6	77.7	77.8	77.9	77.9	78.0
IV 14000	30.0	75.4	76.4	77.0	77.3	77.4	77.6	77.7	77.8	77.9	78.1	78.1	78.2	78.3	78.4
IV 12000	30.6	77.0	78.0	78.6	79.0	79.0	79.2	79.3	79.4	79.6	79.7	79.7	79.9	79.9	80.0
IV 10000	31.2	79.1	80.2	80.7	81.1	81.2	81.4	81.5	81.6	81.7	81.9	81.9	82.0	82.1	82.2
IV 9000	31.4	79.7	80.7	81.3	81.6	81.7	81.9	82.0	82.1	82.2	82.4	82.4	82.6	82.6	82.7
IV 8000	31.9	81.4	82.4	83.0	83.4	83.5	83.7	83.8	83.8	84.0	84.1	84.2	84.3	84.3	84.4
IV 7000	32.3	83.1	84.1	84.7	85.1	85.2	85.4	85.5	85.6	85.7	85.9	85.9	86.0	86.1	86.2
IV 6000	32.6	84.3	85.6	86.2	86.6	86.7	86.9	87.0	87.1	87.2	87.4	87.4	87.5	87.6	87.7
IV 5000	33.2	86.2	87.3	87.9	88.3	88.4	88.6	88.7	88.8	88.9	89.1	89.1	89.2	89.3	89.4
IV 4500	33.4	87.0	88.1	88.7	89.1	89.2	89.4	89.5	89.6	89.7	89.9	89.9	90.0	90.1	90.2
IV 4000	33.7	88.1	89.3	89.9	90.3	90.4	90.6	90.7	90.8	90.9	91.1	91.1	91.2	91.3	91.4
IV 3500	34.1	89.4	90.8	91.2	91.6	91.7	91.8	92.0	92.0	92.2	92.3	92.4	92.5	92.6	92.7
IV 3000	34.6	90.6	91.8	92.4	92.8	92.9	93.1	93.3	93.3	93.5	93.6	93.7	93.8	93.9	94.1
IV 2500	35.3	91.8	93.0	93.8	94.2	94.3	94.5	94.6	94.7	94.9	95.0	95.0	95.2	95.3	95.5
IV 2000	36.2	93.4	94.8	95.6	96.0	96.1	96.4	96.5	96.5	96.7	96.9	96.9	97.0	97.1	97.4
IV 1800	36.3	93.8	95.2	96.1	96.6	96.7	97.0	97.1	97.2	97.4	97.5	97.6	97.7	97.8	97.9
IV 1500	36.4	93.8	95.2	96.1	96.6	96.7	97.0	97.1	97.2	97.4	97.5	97.6	97.7	97.8	97.9
IV 1200	36.4	94.1	95.5	96.4	96.9	97.0	97.3	97.4	97.5	97.7	97.8	97.9	98.0	98.1	98.4
IV 1000	36.5	94.3	95.7	96.7	97.2	97.4	97.6	97.8	97.8	98.0	98.2	98.2	98.3	98.4	98.7
IV 900	36.5	94.3	95.8	96.7	97.3	97.4	97.7	97.9	97.9	98.1	98.2	98.3	98.4	98.5	98.8
IV 800	36.5	94.3	96.0	96.9	97.6	97.7	97.9	98.1	98.2	98.4	98.5	98.5	98.7	98.7	99.1
IV 700	36.5	94.3	96.1	97.0	97.7	97.8	98.1	98.2	98.3	98.5	98.6	98.7	98.8	98.8	99.2
IV 600	36.5	94.6	96.2	97.2	97.9	98.0	98.3	98.4	98.5	98.7	98.8	98.9	99.0	99.0	99.4
IV 500	36.5	94.6	96.3	97.3	98.0	98.1	98.4	98.6	98.7	98.9	99.0	99.1	99.2	99.2	99.6
IV 400	36.5	94.7	96.3	97.4	98.1	98.2	98.5	98.7	98.8	99.0	99.1	99.2	99.3	99.4	99.7
IV 300	36.5	94.7	96.4	97.4	98.1	98.3	98.6	98.8	98.9	99.1	99.2	99.3	99.4	99.5	99.9
IV 200	36.5	94.7	96.4	97.4	98.1	98.3	98.6	98.8	98.9	99.1	99.2	99.3	99.4	99.5	99.9
IV 100	36.5	94.7	96.4	97.4	98.1	98.3	98.6	98.8	98.9	99.1	99.2	99.3	99.4	99.5	100.0
IV 0	36.5	94.7	96.4	97.4	98.1	98.3	98.6	98.8	98.9	99.1	99.2	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 11639

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43,56-70

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
MONTH

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	24.1	63.8	64.7	65.3	65.8	66.0	66.4	66.6	66.5	66.6	66.7	66.7	67.0	67.0	67.1	67.3
≥ 20000	27.3	71.0	72.1	72.7	73.4	73.4	73.8	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.5
IV 18000	27.4	71.1	72.2	72.8	73.5	73.5	73.9	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.5	74.6
IV 16000	27.5	71.2	72.3	72.9	73.6	73.6	74.1	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.7	74.8
IV 14000	27.7	71.9	73.0	73.6	74.3	74.4	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.4	75.5
IV 12000	28.1	73.2	74.3	75.0	75.6	75.7	76.1	76.2	76.2	76.4	76.5	76.5	76.6	76.6	76.7	76.8
IV 10000	28.6	75.3	76.5	77.1	77.8	77.9	78.3	78.4	78.4	78.6	78.7	78.7	78.8	78.8	78.9	79.0
IV 9000	28.8	75.7	77.0	77.6	78.3	78.3	78.7	78.9	78.9	79.1	79.2	79.2	79.3	79.3	79.4	79.5
IV 8000	29.3	77.5	78.7	79.4	80.1	80.2	80.6	80.7	80.7	80.9	81.0	81.0	81.1	81.1	81.2	81.3
IV 7000	29.8	79.1	80.4	81.0	81.7	81.8	82.2	82.3	82.3	82.5	82.6	82.6	82.7	82.7	82.8	82.9
IV 6000	30.4	80.9	82.2	82.8	83.5	83.6	84.0	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.6	84.7
IV 5000	31.3	83.9	85.2	85.8	86.6	86.6	87.0	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.7	87.8
IV 4500	31.9	85.1	86.4	87.1	87.8	87.8	88.3	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.9	89.0
IV 4000	32.5	87.1	88.4	89.1	89.9	90.0	90.4	90.5	90.5	90.7	90.8	90.8	90.9	90.9	91.0	91.1
IV 3500	33.1	88.2	89.5	90.3	91.0	91.1	91.5	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.2
IV 3000	34.0	89.8	91.2	91.9	92.7	92.8	93.2	93.3	93.3	93.5	93.6	93.6	93.7	93.7	93.8	93.9
IV 2500	34.5	91.0	92.3	93.3	94.0	94.1	94.5	94.7	94.7	94.9	95.0	95.0	95.1	95.1	95.2	95.3
IV 2000	34.9	92.2	93.8	94.5	95.4	95.5	95.9	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.6	96.7
IV 1800	34.9	92.6	94.3	95.2	96.1	96.2	96.6	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.4
IV 1600	34.9	92.6	94.3	95.2	96.1	96.2	96.6	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.4
IV 1400	34.9	92.6	94.3	95.2	96.1	96.2	96.6	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.4
IV 1200	35.0	92.9	94.7	95.6	96.5	96.6	97.1	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.9	98.0
IV 1000	35.0	93.0	94.8	95.8	96.7	96.9	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
IV 900	35.0	93.0	94.8	95.8	96.7	96.9	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
IV 800	35.0	93.2	95.1	96.1	97.1	97.2	97.7	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.6
IV 700	35.1	93.3	95.2	96.2	97.2	97.3	97.8	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.7
IV 600	35.1	93.4	95.4	96.4	97.4	97.5	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
IV 500	35.1	93.4	95.4	96.4	97.4	97.5	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
IV 400	35.1	93.4	95.4	96.4	97.4	97.5	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
IV 300	35.1	93.4	95.4	96.4	97.4	97.5	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
IV 200	35.1	93.4	95.4	96.4	97.4	97.5	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
IV 100	35.1	93.4	95.4	96.4	97.4	97.5	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
IV 0	35.1	93.4	95.4	96.4	97.4	97.5	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 11901

USAF ETAC 102M JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

18026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44, 57-70  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼
NO CEILING	18.4	62.2	63.2	64.3	64.9	65.0	65.4	65.7	65.7	66.0	66.2	66.5	66.6	66.8	67.6
≥ 20000	19.9	67.0	68.0	69.1	69.7	69.8	70.3	70.5	70.5	70.8	71.0	71.1	71.4	71.7	72.5
IV 18000	19.9	67.0	68.0	69.1	69.7	69.8	70.3	70.5	70.5	70.8	71.0	71.1	71.4	71.7	72.5
IV 16000	19.9	67.0	68.0	69.1	69.7	69.8	70.3	70.5	70.5	70.8	71.0	71.1	71.4	71.7	72.5
IV 14000	20.6	68.0	69.1	70.1	70.8	70.8	71.3	71.5	71.5	71.9	72.0	72.1	72.4	72.7	73.5
IV 12000	21.1	69.7	70.1	71.9	72.5	72.6	73.0	73.3	73.3	73.6	73.8	73.9	74.2	74.3	75.2
IV 10000	21.2	71.4	72.8	73.9	74.6	74.6	75.1	75.3	75.3	75.6	75.8	75.9	76.2	76.5	77.3
IV 9000	21.4	72.3	73.8	74.8	75.5	75.6	76.0	76.3	76.3	76.6	76.8	76.8	77.1	77.4	78.2
IV 8000	22.0	74.9	76.3	77.4	78.1	78.1	78.6	78.9	78.9	79.1	79.4	79.4	79.7	80.0	80.9
IV 7000	22.2	76.6	78.1	79.2	79.9	79.9	80.4	80.6	80.6	80.9	81.1	81.2	81.5	81.8	82.7
IV 6000	22.3	77.6	79.1	80.2	80.9	80.9	81.4	81.6	81.6	81.9	82.2	82.2	82.5	82.8	83.7
IV 5000	23.4	81.4	83.0	84.1	84.7	84.8	85.2	85.5	85.5	85.8	86.0	86.1	86.4	86.7	87.5
IV 4500	23.6	82.2	83.7	84.8	85.4	85.5	85.9	86.2	86.2	86.5	86.7	86.8	87.1	87.4	88.2
IV 4000	23.7	83.2	84.8	85.9	86.5	86.6	87.0	87.3	87.3	87.6	87.8	87.9	88.2	88.5	89.4
IV 3500	24.2	84.9	86.6	87.7	88.3	88.4	88.8	89.1	89.1	89.4	89.6	89.7	90.0	90.3	91.2
IV 3000	24.3	86.7	88.4	89.6	90.3	90.3	90.8	91.0	91.0	91.3	91.5	91.6	92.0	92.3	93.1
IV 2500	24.6	88.2	89.8	91.0	91.8	91.8	92.3	92.6	92.6	92.9	93.1	93.2	93.5	93.8	94.7
IV 2000	24.6	89.2	91.0	92.3	93.0	93.1	93.6	93.9	93.9	94.3	94.5	94.6	94.9	95.2	96.1
IV 1800	24.6	89.4	91.2	92.5	93.2	93.3	93.8	94.1	94.1	94.4	94.6	94.7	95.1	95.3	96.2
IV 1500	24.5	89.6	91.5	92.8	93.5	93.5	94.1	94.2	94.3	94.7	94.9	95.0	95.3	95.6	96.5
IV 1200	24.7	90.2	92.2	93.5	94.3	94.3	94.8	95.1	95.1	95.5	95.7	95.8	96.1	96.4	97.3
IV 1000	24.7	90.3	92.7	94.1	94.8	94.9	95.4	95.8	95.8	96.1	96.3	96.4	96.8	97.1	98.0
IV 900	24.7	90.3	92.7	94.1	94.8	94.9	95.4	95.8	95.8	96.1	96.3	96.4	96.8	97.1	98.0
IV 800	24.7	90.3	92.7	94.1	94.8	94.9	95.4	95.8	95.8	96.1	96.3	96.4	96.8	97.1	98.0
IV 700	24.7	90.3	92.7	94.1	94.8	94.9	95.4	95.8	95.8	96.1	96.3	96.4	96.8	97.1	98.0
IV 600	24.7	90.6	92.8	94.3	95.0	95.1	95.8	96.2	96.2	96.6	96.8	96.8	97.2	97.5	98.4
IV 500	24.7	90.6	92.8	94.4	95.1	95.3	96.1	96.4	96.4	96.8	97.0	97.1	97.4	97.7	98.6
IV 400	24.7	90.6	92.8	94.4	95.1	95.4	96.2	96.6	96.6	97.0	97.2	97.3	97.6	97.9	98.8
IV 300	24.7	90.6	92.8	94.4	95.1	95.4	96.2	96.6	96.6	97.0	97.2	97.3	97.6	97.9	98.8
IV 200	24.7	90.6	92.8	94.4	95.1	95.4	96.2	96.6	96.6	97.0	97.2	97.3	97.6	97.9	98.8
IV 100	24.7	90.6	92.8	94.4	95.1	95.4	96.2	96.6	96.6	97.0	97.2	97.3	97.6	97.9	98.8
IV 0	24.7	90.6	92.8	94.4	95.1	95.4	96.2	96.6	96.6	97.0	97.2	97.3	97.6	97.9	98.8

TOTAL NUMBER OF OBSERVATIONS 1395

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HONESTAD AFB FLORIDA

44,57-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.0	57.6	59.8	60.8	62.0	62.2	62.9	63.0	63.0	63.5	63.8	64.0	64.9	65.2	65.4	66.2
IV 20000	17.1	61.9	64.1	65.1	66.3	66.5	67.2	67.4	67.4	67.9	68.2	68.4	69.3	69.5	69.7	70.5
IV 18000	17.1	61.9	64.1	65.1	66.3	66.5	67.2	67.4	67.4	67.9	68.2	68.4	69.3	69.5	69.7	70.5
IV 16000	17.1	61.9	64.1	65.1	66.3	66.5	67.2	67.4	67.4	67.9	68.2	68.4	69.3	69.5	69.7	70.5
IV 14000	17.3	62.7	64.9	65.9	67.1	67.3	68.0	68.2	68.2	68.7	69.0	69.2	70.1	70.3	70.5	71.3
IV 12000	17.9	64.2	66.4	67.4	68.6	68.8	69.5	69.7	69.7	70.2	70.5	70.7	71.6	71.8	72.0	72.8
IV 10000	18.1	66.2	68.5	69.5	70.8	71.0	71.7	71.8	71.8	72.3	72.6	72.8	73.8	74.0	74.2	75.0
IV 9000	18.4	67.0	69.2	70.3	71.5	71.8	72.5	72.6	72.6	73.1	73.4	73.6	74.6	74.8	75.1	75.8
IV 8000	18.8	68.7	71.0	72.1	73.4	73.6	74.3	74.5	74.5	75.1	75.3	75.6	76.6	76.8	77.0	77.8
IV 7000	18.9	70.8	73.2	74.3	75.6	75.8	76.6	76.8	76.8	77.3	77.6	77.8	78.9	79.1	79.3	80.1
IV 6000	19.0	72.3	74.7	75.8	77.1	77.3	78.1	78.3	78.3	79.0	79.3	79.5	80.5	80.7	80.9	81.7
IV 5000	19.7	75.9	78.4	79.6	80.9	81.1	81.9	82.1	82.3	82.8	83.1	83.3	84.3	84.5	84.7	85.5
IV 4500	19.7	76.9	79.0	80.1	81.5	81.7	82.5	82.7	82.9	83.4	83.7	83.9	84.9	85.1	85.3	86.1
IV 4000	20.0	79.0	81.6	82.8	84.2	84.4	85.2	85.3	85.5	86.0	86.3	86.5	87.5	87.7	88.0	88.7
IV 3500	20.4	80.4	83.2	84.3	85.7	85.9	86.7	86.8	87.0	87.5	87.8	88.0	89.0	89.2	89.5	90.3
IV 3000	20.5	81.8	84.2	85.4	86.8	87.0	87.8	88.0	88.2	88.7	89.0	89.2	90.2	90.5	90.7	91.5
IV 2500	20.6	82.9	85.4	86.6	88.0	88.2	89.0	89.1	89.3	89.8	90.2	90.4	91.5	91.7	91.9	92.7
IV 2000	20.8	83.8	86.9	88.3	89.7	90.0	90.8	91.0	91.2	91.7	92.0	92.3	93.3	93.6	93.8	94.8
IV 1800	20.9	83.9	87.1	88.5	90.0	90.2	91.0	91.2	91.4	91.9	92.3	92.5	93.5	93.8	94.1	95.0
IV 1500	20.9	84.2	87.3	88.7	90.2	90.4	91.2	91.5	91.7	92.2	92.5	92.8	93.8	94.1	94.3	95.3
IV 1200	21.0	84.3	87.5	88.9	90.4	90.6	91.4	91.7	91.9	92.4	92.8	93.0	94.1	94.3	94.6	95.5
IV 1000	21.0	84.6	88.0	89.5	91.0	91.2	92.0	92.3	92.5	93.0	93.3	93.7	94.8	95.1	95.3	96.2
IV 900	21.0	84.7	88.1	89.6	91.2	91.4	92.2	92.5	92.7	93.2	93.6	93.9	94.9	95.2	95.6	96.5
IV 800	21.2	85.0	88.5	90.0	91.6	91.8	92.6	92.9	93.1	93.6	94.0	94.3	95.3	95.6	96.0	97.1
IV 700	21.2	85.1	88.6	90.1	91.7	91.9	92.9	93.2	93.4	93.9	94.3	94.6	95.6	95.9	96.3	97.2
IV 600	21.2	85.2	88.7	90.2	92.0	92.2	93.2	93.5	93.7	94.2	94.6	94.8	95.9	96.2	96.6	97.5
IV 500	21.2	85.2	88.7	90.2	92.0	92.2	93.2	93.5	93.7	94.2	94.6	94.8	95.9	96.2	96.6	97.5
IV 400	21.2	85.2	88.7	90.2	92.0	92.2	93.2	93.5	93.7	94.2	94.6	94.8	95.9	96.2	96.6	97.5
IV 300	21.2	85.3	89.0	90.7	92.4	92.7	93.7	94.0	94.2	94.8	95.3	95.5	96.6	96.8	97.3	98.2
IV 200	21.2	85.3	89.0	90.7	92.4	92.7	93.7	94.1	94.3	95.0	95.4	95.6	96.8	97.1	97.6	98.6
IV 100	21.2	85.3	89.0	90.7	92.4	92.7	93.7	94.1	94.3	95.2	95.8	96.1	97.3	97.6	98.3	99.5
IV 0	21.2	85.3	89.0	90.7	92.4	92.7	93.7	94.1	94.3	95.2	95.9	96.1	97.5	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12820  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44, 57, 70  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	12.9	44.8	48.1	52.2	53.0	53.3	54.4	54.7	54.8	55.6	56.2	56.3	56.7	56.9	57.4	58.5
≥ 20000	14.7	50.8	54.1	56.4	59.3	59.6	60.8	61.1	61.2	62.0	62.6	62.7	63.1	63.3	63.8	64.9
≥ 18000	14.8	50.4	54.2	56.5	59.4	59.8	60.9	61.3	61.3	62.1	62.7	62.8	63.3	63.4	64.0	65.1
≥ 16000	14.8	50.6	54.4	56.7	59.5	59.9	61.0	61.4	61.5	62.3	62.8	63.0	63.4	63.6	64.1	65.2
≥ 14000	14.9	51.4	55.2	57.5	60.3	60.7	61.9	62.3	62.3	63.1	63.7	63.8	64.3	64.4	65.0	66.1
≥ 12000	15.1	52.7	56.5	58.8	61.8	62.1	63.3	63.7	63.8	64.6	65.1	65.3	65.7	65.9	66.6	67.6
≥ 10000	15.6	55.7	59.6	62.1	65.0	65.4	66.6	66.9	67.0	67.8	68.4	68.5	68.9	69.1	69.8	71.0
≥ 9000	15.9	56.4	60.3	62.8	65.8	66.1	67.4	67.7	67.8	68.6	69.2	69.3	69.7	69.9	70.6	71.9
≥ 8000	16.2	58.0	62.1	64.6	67.6	68.0	69.2	69.6	69.7	70.4	71.1	71.2	71.7	71.9	72.6	73.9
≥ 7000	16.5	60.4	64.7	67.2	70.2	70.6	71.9	72.2	72.3	73.2	73.8	74.0	74.8	74.6	75.3	76.6
≥ 6000	16.5	62.0	66.4	68.9	71.9	72.2	73.5	73.9	74.0	74.9	75.5	75.7	76.2	76.3	77.0	78.3
≥ 5000	17.4	65.9	70.3	72.8	75.8	76.2	77.5	77.8	77.9	78.8	79.5	79.6	80.1	80.3	81.0	82.3
≥ 4500	17.5	67.4	71.8	74.3	77.3	77.7	79.1	79.4	79.5	80.4	81.1	81.2	81.7	81.9	82.6	83.9
≥ 4000	17.9	69.4	73.9	76.5	79.5	79.9	81.3	81.6	81.7	82.6	83.3	83.4	83.9	84.1	84.8	86.1
≥ 3500	18.2	70.9	75.3	78.2	81.2	81.6	83.0	83.4	83.4	84.4	85.0	85.2	85.7	85.8	86.5	87.8
≥ 3000	18.7	72.4	77.1	79.9	82.9	83.4	84.7	85.1	85.2	86.1	86.7	86.9	87.4	87.6	88.3	89.6
≥ 2500	19.0	74.0	78.8	81.7	84.8	85.3	86.7	87.1	87.2	88.1	88.7	88.9	89.3	89.6	90.3	91.6
≥ 2000	19.2	75.5	80.4	83.3	86.5	87.0	88.3	89.0	89.1	90.0	90.7	90.8	91.4	91.5	92.3	93.6
≥ 1800	19.3	75.8	80.8	83.6	86.9	87.4	89.0	89.5	89.5	90.3	91.1	91.2	91.8	92.0	92.8	94.0
≥ 1500	19.3	76.1	81.1	84.0	87.4	87.9	89.5	90.0	90.0	91.0	91.6	91.8	92.3	92.5	93.3	94.5
≥ 1200	19.4	76.4	81.4	84.4	87.8	88.4	89.9	90.4	90.5	91.4	92.0	92.2	92.8	92.9	93.7	95.0
≥ 1000	19.4	77.0	82.0	84.9	88.4	89.0	90.5	91.0	91.1	92.0	92.7	92.8	93.4	93.5	94.3	95.7
≥ 900	19.5	77.1	82.1	85.1	88.5	89.2	90.7	91.2	91.2	92.2	92.8	93.0	93.5	93.7	94.5	95.9
≥ 800	19.5	77.3	82.3	85.2	88.7	89.4	91.0	91.5	91.6	92.5	93.3	93.4	94.0	94.1	95.0	96.3
≥ 700	19.5	77.5	82.5	85.5	89.1	89.7	91.4	91.9	92.0	92.9	93.6	93.8	94.3	94.5	95.3	96.7
≥ 600	19.5	77.5	82.5	85.5	89.1	89.7	91.4	91.9	92.0	92.9	93.6	93.8	94.3	94.5	95.3	96.7
≥ 500	19.5	77.8	82.8	85.8	89.4	90.2	91.9	92.4	92.5	93.4	94.1	94.3	94.9	95.1	96.0	97.3
≥ 400	19.5	77.8	82.8	85.8	89.4	90.2	91.9	92.4	92.5	93.4	94.1	94.3	94.9	95.1	96.0	97.3
≥ 300	19.5	77.8	82.8	85.8	89.4	90.2	91.9	92.4	92.5	93.4	94.1	94.3	94.9	95.1	96.0	97.3
≥ 200	19.5	77.8	82.8	85.8	89.4	90.2	91.9	92.4	92.5	93.4	94.1	94.3	94.9	95.1	96.0	97.3
≥ 100	19.5	77.8	82.8	85.8	89.4	90.2	91.9	92.4	92.5	93.4	94.1	94.3	94.9	95.1	96.0	97.3
≥ 0	19.5	77.8	82.8	85.8	89.4	90.2	91.9	92.4	92.5	93.4	94.1	94.3	94.9	95.1	96.0	97.3

TOTAL NUMBER OF OBSERVATIONS 1294

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

44-57-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	15.2	52.0	53.7	54.8	55.4	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 18000	18.0	59.9	61.9	63.2	63.7	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2
≥ 16000	18.2	60.3	62.4	63.7	64.2	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7
≥ 14000	18.3	61.4	63.7	64.9	65.4	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9
≥ 12000	18.4	62.3	64.6	65.8	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 10000	18.8	64.7	67.2	68.5	69.0	69.1	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	19.1	65.7	68.2	69.5	70.0	70.1	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	19.4	68.2	70.8	72.2	72.8	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 7000	19.4	71.2	73.8	75.2	75.8	75.8	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3
≥ 6000	19.5	73.2	75.8	77.2	78.1	78.1	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6
≥ 5000	20.4	76.4	79.1	80.6	81.4	81.5	81.6	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	20.6	78.0	80.8	82.3	83.2	83.3	83.4	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	20.8	79.7	82.6	84.1	85.0	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 3500	21.1	80.9	83.9	85.4	86.4	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9
≥ 3000	21.9	82.9	85.9	87.5	88.6	88.7	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 2500	22.2	84.2	87.2	88.9	90.0	90.3	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.8
≥ 2000	23.2	86.9	90.0	91.8	93.2	93.5	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	23.2	87.1	90.2	92.0	93.4	93.7	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	23.4	87.8	91.2	93.0	94.5	94.8	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1200	23.4	88.4	91.8	93.6	95.1	95.4	95.5	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	23.4	88.5	92.0	93.8	95.4	95.7	95.8	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.4
≥ 900	23.4	88.7	92.2	94.0	95.6	95.9	96.0	96.2	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	23.5	89.0	92.3	94.3	96.0	96.3	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 700	23.6	89.2	92.8	94.6	96.5	96.9	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.7
≥ 600	23.6	89.3	93.0	94.8	96.8	97.2	97.2	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.1
≥ 500	23.6	89.4	93.1	95.0	97.0	97.5	97.5	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5
≥ 400	23.6	89.5	93.3	95.2	97.3	97.8	97.8	98.2	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.8
≥ 300	23.6	89.5	93.3	95.2	97.3	97.8	98.1	98.5	98.7	98.9	99.1	99.3	99.3	99.3	99.3	99.4
≥ 200	23.6	89.5	93.3	95.2	97.3	97.8	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.4	99.5	99.6
≥ 100	23.6	89.5	93.3	95.2	97.3	97.8	98.1	98.6	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.9
≥ 0	23.6	89.5	93.3	95.2	97.3	97.8	98.1	98.6	98.9	99.0	99.4	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44,57,70  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	17.6 21.2	51.2 60.5	51.6 61.1	51.6 61.1	51.6 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1	51.7 61.1
IV 18000 16000	21.2 21.4	60.7 60.9	61.3 61.5	61.3 61.5	61.3 61.5	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6	61.4 61.6
IV 14000 12000	21.9 22.4	62.3 63.3	62.9 63.9	62.9 63.9	62.9 63.9	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0
IV 10000 9000	23.1 23.1	67.2 67.7	67.8 68.2	67.9 68.3	67.9 68.3	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4	68.0 68.4
IV 8000 7000	23.2 23.4	69.9 72.2	70.1 72.8	70.3 72.9	70.3 72.9	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0	70.3 73.0
IV 6000 5000	23.7 24.3	73.5 76.8	74.1 77.4	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6	74.3 77.6
IV 4500 4000	24.4 24.7	78.1 79.6	78.8 80.3	78.9 80.5	78.9 80.5	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6	79.0 80.6
IV 3500 3000	25.4 26.5	81.0 84.2	81.6 84.9	81.9 85.1	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2	81.9 85.2
IV 2500 2000	28.4 29.8	88.9 91.9	89.6 93.0	89.9 93.3	90.0 93.3	90.0 93.4	90.0 93.5	90.0 93.7	90.0 93.7	90.0 93.7	90.0 93.7	90.0 93.7	90.0 93.7	90.0 93.7	90.0 93.7	90.0 93.7
IV 1800 1500	29.9 30.3	92.5 93.8	93.6 94.9	93.9 95.3	94.0 95.3	94.1 95.4	94.1 95.5	94.3 95.7	94.3 95.7	94.4 95.8	94.4 95.8	94.4 95.8	94.4 95.8	94.4 95.8	94.4 95.8	94.4 95.8
IV 1200 1000	30.4 30.4	94.8 95.3	96.1 96.7	96.6 97.2	96.7 97.3	96.8 97.4	96.8 97.5	97.2 97.8	97.2 97.8	97.4 98.2	97.4 98.2	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3
IV 900 800	30.4 30.5	95.4 95.5	96.8 97.0	97.3 97.6	97.3 97.8	97.6 97.9	97.6 98.0	98.0 98.4	98.0 98.4	98.4 98.7	98.4 98.7	98.4 98.7	98.4 98.7	98.4 98.7	98.4 98.7	98.4 98.7
IV 700 600	30.5 30.5	95.6 95.6	97.1 97.3	97.8 98.0	98.1 98.4	98.2 98.5	98.3 98.7	98.6 99.1	98.6 99.1	99.0 99.4	99.0 99.4	99.1 99.5	99.1 99.5	99.1 99.5	99.1 99.5	99.1 99.5
IV 500 400	30.5 30.5	95.6 95.6	97.3 97.3	98.1 98.1	98.4 98.4	98.6 98.6	98.9 98.9	99.2 99.3	99.2 99.3	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	30.5 30.5	95.6 95.6	97.3 97.3	98.1 98.1	98.4 98.4	98.6 98.6	98.9 98.9	99.3 99.3	99.3 99.3	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	30.5 30.5	95.6 95.6	97.3 97.3	98.1 98.1	98.4 98.4	98.6 98.6	98.9 98.9	99.3 99.3	99.3 99.3	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

44,57-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	19.2	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 18000	22.6	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 16000	22.9	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 14000	23.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000	24.2	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 10000	25.3	69.5	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 9000	25.4	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 8000	25.8	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 7000	26.1	77.1	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 6000	26.5	78.9	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 5000	27.0	82.4	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4500	27.5	83.7	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	28.2	85.4	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3500	28.7	87.0	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3000	29.8	90.0	90.1	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	31.0	92.4	92.5	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	31.7	94.2	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	31.9	94.8	95.3	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	32.3	96.1	96.6	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	32.3	96.3	96.8	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	32.3	96.3	97.1	97.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	32.3	96.3	97.1	97.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	32.3	96.3	97.2	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	32.3	96.7	97.5	98.1	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	32.3	96.7	97.6	98.2	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	32.3	96.7	97.6	98.2	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	32.3	96.8	97.6	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	32.3	96.8	97.6	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	32.3	96.8	97.6	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	32.3	96.8	97.6	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	32.3	96.8	97.6	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

44,27,70  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼
NO CEILING	22.2	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	23.8	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 18000	23.8	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 16000	23.8	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 14000	24.3	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	25.1	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000	25.6	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 9000	25.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 8000	26.1	76.6	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 7000	26.3	78.9	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 6000	26.7	80.8	81.4	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 5000	27.6	84.4	85.1	85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4500	27.9	85.3	86.2	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000	28.5	87.9	88.8	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3500	28.9	89.3	90.4	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3000	29.6	91.6	92.7	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	30.2	93.3	94.3	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2000	30.7	95.0	96.1	96.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	30.7	95.1	96.3	96.8	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	30.7	95.3	96.8	97.3	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	30.7	95.5	97.0	97.6	97.8	97.9	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5
IV 1000	30.8	95.9	97.3	98.1	98.3	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
IV 900	30.8	95.9	97.3	98.1	98.3	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
IV 800	30.8	95.9	97.4	98.2	98.4	98.5	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 700	30.8	96.1	97.6	98.3	98.6	98.7	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 600	30.8	96.2	97.7	98.5	98.9	98.9	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9
IV 500	30.8	96.2	97.8	98.6	98.9	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 400	30.8	96.2	97.8	98.6	99.0	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 300	30.8	96.2	97.8	98.6	99.0	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 200	30.8	96.2	97.8	98.6	99.0	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 100	30.8	96.2	97.8	98.6	99.0	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 0	30.8	96.2	97.8	98.6	99.0	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB, FLORIDA

44-57-70

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	20.9	63.8	65.0	65.4	65.5	65.5	65.6	65.6	65.6	65.9	65.9	65.9	66.0	66.1	66.2	66.2
IV 18000	22.2	69.1	70.2	70.7	70.8	70.9	70.9	71.0	71.0	71.2	71.2	71.2	71.3	71.4	71.5	71.6
IV 16000	22.2	69.1	70.2	70.7	70.8	70.9	70.9	71.0	71.0	71.2	71.2	71.2	71.3	71.4	71.5	71.6
IV 14000	22.7	70.7	71.8	72.2	72.4	72.5	72.5	72.6	72.6	72.8	72.8	72.9	72.9	73.0	73.1	73.2
IV 12000	23.7	72.7	73.9	74.3	74.5	74.5	74.6	74.7	74.7	74.9	74.9	75.0	75.0	75.0	75.2	75.3
IV 10000	24.1	74.6	75.8	76.2	76.3	76.4	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.9	77.0	77.1
IV 9000	24.1	75.3	76.5	76.9	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.5	77.6
IV 8000	24.3	78.0	79.3	79.7	79.8	79.9	80.0	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.6	80.6
IV 7000	24.7	79.6	80.8	81.3	81.4	81.5	81.6	81.6	81.6	81.9	81.9	81.9	82.0	82.1	82.2	82.2
IV 6000	25.0	81.2	82.4	82.9	83.0	83.1	83.1	83.2	83.2	83.4	83.4	83.5	83.5	83.6	83.7	83.8
IV 5000	25.9	83.9	85.1	85.5	85.7	85.7	85.8	85.9	85.9	86.1	86.1	86.2	86.2	86.4	86.4	86.4
IV 4500	26.2	84.9	86.2	86.7	86.8	86.9	86.9	87.0	87.0	87.2	87.2	87.3	87.3	87.4	87.5	87.6
IV 4000	26.5	86.9	88.2	88.7	88.9	89.0	89.0	89.1	89.1	89.2	89.4	89.4	89.4	89.5	89.7	89.7
IV 3500	27.1	88.5	89.8	90.4	90.5	90.6	90.7	90.7	90.7	91.0	91.0	91.0	91.1	91.2	91.3	91.3
IV 3000	27.8	90.6	92.0	92.6	92.8	92.8	92.9	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.5	93.5
IV 2500	27.8	92.8	94.3	94.9	95.1	95.1	95.2	95.3	95.3	95.5	95.5	95.6	95.6	95.8	95.8	95.8
IV 2000	28.1	94.5	96.1	96.6	96.8	96.8	96.9	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.6	97.6
IV 1800	28.1	94.7	96.3	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.8	97.8
IV 1500	28.3	95.1	96.8	97.4	97.6	97.6	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.4	98.4
IV 1200	28.3	95.6	97.3	98.1	98.2	98.3	98.4	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.9	99.0
IV 1000	28.3	95.9	97.5	98.4	98.5	98.6	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.3
IV 900	28.3	95.9	97.6	98.4	98.5	98.6	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.3
IV 800	28.3	95.9	97.6	98.4	98.5	98.6	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.3
IV 700	28.3	95.9	97.6	98.4	98.5	98.6	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.3
IV 600	28.3	95.9	97.6	98.4	98.5	98.6	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.3
IV 500	28.3	96.0	97.7	98.6	98.7	98.8	98.8	98.9	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.7
IV 400	28.3	96.1	97.8	98.7	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9
IV 300	28.3	96.1	97.8	98.7	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9
IV 200	28.3	96.1	97.8	98.7	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9
IV 100	28.3	96.1	97.8	98.7	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9
IV 0	28.3	96.1	97.8	98.7	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1394

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12/26 HOMESTEAD AFB FLORIDA

42-44-57-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	24.0	68.9	70.5	71.0	71.8	71.8	72.1	72.7	72.7	73.2	73.6	73.6	73.6	73.8	73.8	74.2
IV 20000	25.3	72.5	74.1	74.7	75.5	75.5	75.8	76.4	76.6	76.9	77.3	77.3	77.3	77.5	77.5	77.9
IV 18000	25.3	72.5	74.2	74.8	75.6	75.6	75.8	76.4	76.5	77.0	77.2	77.3	77.3	77.5	77.5	78.0
IV 16000	25.3	73.0	74.6	75.3	76.0	76.0	76.3	76.9	77.0	77.4	77.8	77.8	77.8	78.0	78.0	78.4
IV 14000	25.4	73.9	75.5	76.1	76.9	76.9	77.2	77.8	77.8	78.3	78.7	78.7	78.7	78.9	78.9	79.3
IV 12000	25.5	74.2	75.8	76.5	77.3	77.3	77.5	78.1	78.2	78.7	79.0	79.0	79.0	79.2	79.2	79.6
IV 10000	25.8	76.1	77.8	78.4	79.2	79.2	79.5	80.1	80.1	80.6	80.9	80.9	80.9	81.2	81.2	81.7
IV 9000	25.8	76.4	78.1	78.8	79.5	79.5	79.8	80.4	80.5	80.9	81.2	81.2	81.2	81.5	81.5	82.1
IV 8000	25.8	77.5	79.3	80.0	80.7	80.7	81.0	81.7	81.8	82.2	82.6	82.6	82.6	82.9	82.9	83.4
IV 7000	25.9	79.0	80.8	81.5	82.2	82.2	82.5	83.2	83.2	83.7	84.1	84.1	84.1	84.3	84.5	84.9
IV 6000	26.1	80.2	82.3	82.9	83.7	83.7	84.0	84.6	84.7	85.2	85.6	85.6	85.6	85.8	86.0	86.4
IV 5000	26.3	82.6	84.6	85.3	86.1	86.1	86.4	87.1	87.1	87.6	88.0	88.0	88.0	88.3	88.4	88.8
IV 4500	26.6	84.0	86.1	86.8	87.6	87.6	87.9	88.6	88.6	89.1	89.5	89.5	89.5	89.7	89.9	90.3
IV 4000	26.9	85.4	87.5	88.2	89.0	89.0	89.3	90.0	90.0	90.5	90.9	90.9	90.9	91.1	91.3	91.7
IV 3500	27.3	86.9	89.0	89.7	90.5	90.5	90.8	91.4	91.5	91.9	92.4	92.4	92.4	92.6	92.8	93.2
IV 3000	27.6	88.0	90.3	91.0	91.8	91.8	92.1	92.8	92.8	93.3	93.7	93.7	93.7	93.9	94.1	94.5
IV 2500	28.1	89.6	91.9	92.5	93.4	93.4	93.6	94.3	94.4	94.8	95.3	95.3	95.3	95.5	95.6	96.1
IV 2000	28.2	90.3	92.7	93.4	94.2	94.2	94.5	95.3	95.3	95.8	96.3	96.3	96.3	96.5	96.7	97.1
IV 1800	28.2	90.5	92.9	93.6	94.5	94.5	94.8	95.5	95.6	96.0	96.5	96.5	96.5	96.8	96.9	97.3
IV 1500	28.3	91.1	92.5	94.2	95.1	95.1	95.3	96.1	96.2	96.6	97.1	97.1	97.1	97.3	97.5	97.9
IV 1200	28.4	91.7	94.1	94.8	95.7	95.7	96.0	96.9	97.0	97.4	97.9	97.9	97.9	98.2	98.3	98.7
IV 1000	28.4	91.8	94.2	95.0	95.9	95.9	96.2	97.1	97.2	97.6	98.2	98.2	98.2	98.4	98.5	99.0
IV 900	28.4	91.8	94.2	95.0	95.9	95.9	96.2	97.1	97.2	97.6	98.2	98.2	98.2	98.4	98.5	99.0
IV 800	28.4	91.9	94.3	95.1	95.9	95.9	96.2	97.2	97.3	97.7	98.2	98.2	98.2	98.4	98.6	99.0
IV 700	28.4	92.3	94.8	95.5	96.4	96.4	96.7	97.6	97.7	98.2	98.7	98.7	98.7	98.9	99.0	99.5
IV 600	28.4	92.4	94.8	95.6	96.5	96.5	96.8	97.7	97.8	98.2	98.7	98.7	98.7	98.9	99.1	99.6
IV 500	28.4	92.5	95.1	95.8	96.7	96.7	97.0	97.9	98.0	98.4	99.0	99.0	99.0	99.2	99.3	99.8
IV 400	28.4	92.6	95.2	95.9	96.8	96.8	97.1	98.1	98.2	98.6	99.1	99.1	99.1	99.3	99.5	100.0
IV 300	28.4	92.6	95.2	95.9	96.8	96.8	97.1	98.1	98.2	98.6	99.1	99.1	99.1	99.3	99.5	100.0
IV 200	28.4	92.6	95.2	95.9	96.8	96.8	97.1	98.1	98.2	98.6	99.1	99.1	99.1	99.3	99.5	100.0
IV 100	28.4	92.6	95.2	95.9	96.8	96.8	97.1	98.1	98.2	98.6	99.1	99.1	99.1	99.3	99.5	100.0
IV 0	28.4	92.6	95.2	95.9	96.8	96.8	97.1	98.1	98.2	98.6	99.1	99.1	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS. 1354

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-44, 57-70

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	20.0	61.7	64.5	64.7	65.9	66.4	66.8	67.0	67.1	67.8	68.2	68.2	69.0	69.4	69.8	71.0
IV 20000	20.5	64.5	67.3	67.6	68.7	69.2	69.6	69.8	70.0	70.6	71.1	71.1	71.8	72.2	72.8	74.0
IV 18000	20.7	64.7	67.5	67.8	68.9	69.4	69.8	70.1	70.2	70.9	71.3	71.3	72.1	72.5	73.0	74.3
IV 16000	20.7	64.7	67.5	67.8	68.9	69.4	69.8	70.1	70.2	70.9	71.3	71.3	72.1	72.5	73.0	74.3
IV 14000	20.7	65.4	68.1	68.4	69.5	70.1	70.5	70.7	70.9	71.5	72.0	72.0	72.7	73.2	73.8	75.1
IV 12000	20.7	66.0	68.8	69.1	70.2	70.7	71.2	71.4	71.5	72.2	72.6	72.6	73.4	73.8	74.5	75.8
IV 10000	21.2	67.3	70.1	70.4	71.5	72.1	72.5	72.7	72.9	73.5	74.0	74.0	74.7	75.1	75.8	77.1
IV 9000	21.3	68.1	70.9	71.2	72.3	72.9	73.3	73.5	73.7	74.3	74.8	74.8	75.5	76.0	76.6	77.9
IV 8000	21.5	69.3	72.1	72.4	73.6	74.1	74.6	74.8	74.9	75.6	76.0	76.0	76.8	77.2	77.9	79.2
IV 7000	21.8	70.6	73.3	73.7	74.9	75.4	75.9	76.1	76.3	76.9	77.4	77.4	78.1	78.5	79.2	80.6
IV 6000	21.8	72.2	75.1	75.4	76.6	77.1	77.6	77.8	77.9	78.7	79.1	79.1	79.9	80.3	81.0	82.4
IV 5000	22.1	75.2	78.2	78.5	79.7	80.2	80.7	80.9	81.0	81.8	82.2	82.2	83.0	83.4	84.1	85.5
IV 4500	22.3	76.9	79.9	80.2	81.4	81.9	82.4	82.6	82.7	83.5	83.9	83.9	84.7	85.1	85.8	87.2
IV 4000	22.8	79.2	82.2	82.5	83.7	84.2	84.7	84.9	85.0	85.8	86.2	86.2	86.9	87.4	88.1	89.5
IV 3500	22.9	80.7	83.6	84.0	85.2	85.7	86.1	86.4	86.5	87.2	87.7	87.7	88.4	88.9	89.6	90.9
IV 3000	23.4	82.2	85.2	85.6	86.8	87.3	87.8	88.0	88.1	88.9	89.3	89.3	90.0	90.5	91.2	92.6
IV 2500	23.6	83.6	86.6	87.0	88.2	88.7	89.1	89.4	89.5	90.2	90.6	90.6	91.3	91.8	92.5	93.8
IV 2000	24.3	85.4	88.4	88.8	89.9	90.4	90.9	91.2	91.3	92.0	92.4	92.4	93.1	93.6	94.3	95.6
IV 1800	24.3	85.6	88.6	89.0	90.2	90.7	91.1	91.4	91.5	92.2	92.6	92.6	93.3	93.8	94.5	95.8
IV 1500	24.3	86.0	89.0	89.4	90.6	91.1	91.5	91.8	91.9	92.6	93.0	93.0	93.7	94.2	94.9	96.2
IV 1200	24.6	86.6	90.4	90.8	92.0	92.5	92.9	93.2	93.3	94.0	94.4	94.4	95.1	95.6	96.3	97.6
IV 1000	24.6	86.7	90.6	91.0	92.2	92.7	93.1	93.4	93.5	94.2	94.6	94.6	95.3	95.8	96.5	97.8
IV 900	24.6	86.8	90.6	91.1	92.3	92.8	93.2	93.5	93.6	94.3	94.7	94.7	95.4	95.9	96.6	97.9
IV 800	24.6	86.9	90.7	91.2	92.4	92.9	93.3	93.6	93.7	94.4	94.8	94.8	95.5	96.0	96.7	98.0
IV 700	24.6	87.0	90.9	91.3	92.5	93.0	93.4	93.7	93.8	94.5	94.9	94.9	95.6	96.1	96.8	98.1
IV 600	24.6	87.3	91.2	91.6	92.8	93.3	93.7	94.0	94.1	94.8	95.2	95.2	95.9	96.4	97.1	98.4
IV 500	24.6	87.3	91.2	91.6	92.8	93.3	93.7	94.0	94.1	94.8	95.2	95.2	95.9	96.4	97.1	98.4
IV 400	24.6	87.3	91.2	91.6	92.8	93.3	93.7	94.0	94.1	94.8	95.2	95.2	95.9	96.4	97.1	98.4
IV 300	24.6	87.3	91.4	91.8	93.0	93.5	93.9	94.2	94.3	95.0	95.4	95.4	96.1	96.6	97.3	98.6
IV 200	24.6	87.3	91.4	91.8	93.0	93.5	93.9	94.2	94.3	95.0	95.4	95.4	96.1	96.6	97.3	98.6
IV 100	24.6	87.3	91.4	91.8	93.0	93.5	93.9	94.2	94.3	95.0	95.4	95.4	96.1	96.6	97.3	98.6
IV 0	24.6	87.3	91.4	91.8	93.0	93.5	93.9	94.2	94.3	95.0	95.4	95.4	96.1	96.6	97.3	98.6

TOTAL NUMBER OF OBSERVATIONS 1356

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12026  
STATION

HOMESTEAD AFB, FLORIDA  
STATION NAME

43-44-27-70  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	15.8 16.7	51.7 55.2	55.1 59.2	57.1 61.6	59.7 64.2	59.9 64.4	61.1 65.6	61.4 66.0	61.6 66.2	62.4 67.1	62.8 67.5	62.8 67.6	63.3 68.1	63.5 68.2	64.1 68.9	64.7 69.5
IV 18000	17.0 17.0	55.5 55.7	59.4 59.7	61.8 62.0	64.5 64.7	64.6 64.8	65.8 66.0	66.2 66.4	66.4 66.7	67.3 67.6	67.7 67.9	67.8 68.0	68.3 68.5	68.4 68.7	69.1 69.3	69.8 70.0
IV 14000	17.1 17.3	56.1 56.9	60.1 61.2	62.5 63.6	65.1 66.3	65.3 66.4	66.4 67.6	67.0 68.1	67.0 68.4	67.2 68.3	67.2 68.4	68.1 69.3	68.5 69.7	68.6 69.8	69.1 70.3	69.9 71.1
IV 12000	17.6 18.1	58.8 59.6	63.1 63.9	65.5 66.3	68.1 69.0	68.3 69.1	69.3 70.4	70.1 70.9	70.3 71.1	71.2 72.1	71.6 72.4	71.7 72.5	72.2 73.0	72.3 73.2	73.0 73.8	73.7 74.6
IV 10000	18.4 19.0	60.9 62.8	65.3 67.3	67.8 69.7	70.5 72.6	70.6 72.8	71.9 74.0	72.4 74.6	72.6 74.8	73.6 75.7	74.0 76.1	74.0 76.3	74.6 76.8	74.7 76.9	75.4 77.6	76.1 78.3
IV 8000	19.2 19.4	64.7 67.5	69.3 72.1	72.1 74.9	75.0 77.9	75.1 78.0	76.4 79.3	76.9 79.8	77.1 80.0	78.2 81.1	78.7 81.7	78.8 81.9	79.4 82.4	79.5 82.5	80.2 83.2	81.0 84.0
IV 6000	19.5 20.1	66.5 70.8	73.2 75.3	76.0 78.4	78.9 81.3	79.1 81.5	80.3 82.7	80.8 83.3	81.0 83.5	82.2 84.6	82.7 85.2	82.9 85.3	83.4 85.8	83.6 86.0	84.2 86.7	85.0 87.5
IV 4500	20.3 20.9	72.6 74.3	77.4 79.4	80.2 82.3	83.2 85.3	83.3 85.4	84.6 86.7	85.1 87.2	85.3 87.4	86.4 88.5	87.0 89.1	87.2 89.3	87.7 89.7	87.8 89.9	88.3 90.6	89.3 91.4
IV 3500	21.1 21.8	75.3 77.1	81.0 83.0	84.0 86.0	86.9 89.1	87.1 89.3	88.3 90.6	88.9 91.1	89.1 91.3	90.2 92.5	90.8 93.1	90.9 93.2	91.4 93.7	91.6 93.9	92.3 94.6	93.1 95.5
IV 2500	21.8 21.8	77.2 77.4	83.1 83.3	86.1 86.3	89.2 89.3	89.4 89.6	90.7 90.9	91.2 91.4	91.4 91.7	92.6 92.8	93.2 93.4	93.4 93.6	93.9 94.1	94.0 94.2	94.8 95.0	95.6 95.9
IV 1800	21.8 21.9	77.4 77.9	83.3 84.1	86.3 87.2	89.3 90.4	89.6 90.6	90.9 92.2	91.4 92.8	91.7 93.1	92.8 94.2	93.4 94.8	93.6 95.1	94.1 95.6	94.2 95.7	95.0 96.5	95.9 97.3
IV 1500	21.9 22.0	77.9 78.1	84.1 84.2	87.2 87.4	90.3 90.7	90.7 91.0	92.3 92.6	92.9 93.2	93.1 93.4	94.3 94.6	94.9 95.2	95.1 95.4	95.6 95.9	95.8 96.1	96.3 96.8	97.4 97.7
IV 1200	22.0 22.0	78.2 78.3	84.3 84.6	87.5 87.8	90.9 91.2	91.2 91.4	92.7 93.0	93.4 93.7	93.6 93.9	94.8 95.1	95.4 95.7	95.6 95.9	96.1 96.4	96.3 96.5	97.0 97.3	97.9 98.2
IV 900	22.0 22.0	78.3 78.5	84.6 84.9	87.8 88.1	91.2 91.4	91.4 91.7	93.1 93.4	93.6 94.1	93.8 94.3	94.0 94.5	95.2 95.5	95.8 96.1	96.0 96.3	96.5 96.8	97.0 97.7	98.3 98.6
IV 800	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 700	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 600	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 500	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 400	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 300	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 200	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 100	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9
IV 0	22.0 22.0	78.5 78.5	84.9 84.9	88.1 88.1	91.5 91.5	91.8 91.8	93.4 93.4	94.2 94.2	94.5 94.5	95.7 95.7	96.3 96.3	96.5 96.5	97.1 97.1	97.2 97.2	97.9 97.9	98.9 98.9

TOTAL NUMBER OF OBSERVATIONS 1356



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12828  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-57-70  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	20.2 21.8	55.8 61.6	57.1 63.3	58.6 64.8	58.9 65.1	59.1 65.3	59.1 65.4	59.2 65.6	59.4 65.8	59.5 65.9	59.6 65.9	59.6 65.9	59.7 66.0	59.7 66.0	59.8 66.2	59.9 66.2
IV 18000 IV 16000	22.0 22.1	61.7 62.1	62.4 63.8	63.0 65.2	63.3 65.6	63.5 65.9	63.6 65.9	63.7 66.1	63.9 66.2	64.0 66.4	64.1 66.4	64.1 66.4	64.2 66.5	64.2 66.5	64.3 66.7	64.4 66.7
IV 14000 IV 12000	22.2 22.6	62.7 63.9	63.4 65.8	63.9 67.3	64.3 67.7	64.6 67.9	64.6 68.0	64.7 68.2	64.7 68.4	64.8 68.5	64.8 68.6	64.8 68.6	64.9 68.7	64.9 68.7	65.0 68.8	65.1 68.9
IV 10000 IV 9000	22.7 23.0	63.9 66.4	64.8 68.3	65.3 69.8	65.7 70.2	66.0 70.4	66.0 70.5	66.1 70.7	66.2 70.9	66.3 71.0	66.3 71.1	66.3 71.1	66.4 71.2	66.4 71.2	66.5 71.3	66.6 71.4
IV 8000 IV 7000	23.7 24.3	68.6 70.4	70.3 72.4	72.1 74.0	72.4 74.3	72.6 74.6	72.7 74.6	72.9 74.9	73.2 75.1	73.2 75.1	73.3 75.2	73.3 75.2	73.4 75.3	73.4 75.3	73.5 75.4	73.6 75.5
IV 6000 IV 5000	24.3 24.3	72.1 74.6	74.0 76.6	75.6 78.2	76.0 78.5	76.2 78.8	76.3 78.8	76.5 79.1	76.7 79.2	76.8 79.4	76.8 79.4	76.8 79.4	76.9 79.5	76.9 79.5	77.1 79.6	77.1 79.7
IV 4500 IV 4000	24.6 24.9	73.8 77.8	77.9 80.0	79.4 81.6	79.8 81.9	80.0 82.2	80.1 82.2	80.3 82.4	80.3 82.7	80.6 82.7	80.7 82.8	80.7 82.8	80.8 82.9	80.8 82.9	80.9 83.0	81.0 83.1
IV 3500 IV 3000	25.2 25.7	79.4 81.0	81.6 83.3	83.1 84.9	83.3 85.2	83.7 85.5	83.8 85.6	84.0 85.8	84.2 86.1	84.2 86.1	84.4 86.2	84.4 86.2	84.4 86.3	84.4 86.3	84.6 86.4	84.7 86.5
IV 2500 IV 2000	27.0 29.0	83.4 86.9	85.8 89.3	87.3 91.2	87.7 91.6	87.9 91.8	88.1 92.0	88.3 92.3	88.5 92.5	88.6 92.6	88.6 92.6	88.6 92.6	88.7 92.7	88.7 92.7	88.9 92.8	89.0 92.9
IV 1800 IV 1500	29.3 30.3	87.8 89.8	90.3 92.6	92.1 94.4	92.3 94.8	92.7 95.0	92.7 95.2	93.1 95.4	93.4 95.6	93.4 95.7	93.5 95.8	93.5 95.8	93.6 95.9	93.6 95.9	93.7 96.0	93.8 96.1
IV 1200 IV 1000	30.7 30.8	90.3 90.8	92.4 93.8	93.1 95.6	93.3 96.2	93.7 96.3	93.7 96.8	94.2 97.1	94.4 97.2	94.4 97.3	94.5 97.3	94.5 97.3	94.6 97.4	94.6 97.4	94.8 97.7	94.8 97.8
IV 900 IV 800	30.8 30.8	91.1 91.3	94.2 94.7	96.0 96.7	96.6 97.3	96.8 97.3	96.8 97.3	97.2 98.1	97.4 98.2	97.4 98.2	97.5 98.3	97.5 98.3	97.5 98.3	97.5 98.3	97.7 98.6	97.8 98.8
IV 700 IV 600	30.8 30.8	91.6 91.8	94.8 95.0	96.8 97.1	97.3 97.8	97.6 98.0	97.6 98.4	98.2 98.7	98.4 98.9	98.4 99.0	98.5 99.1	98.5 99.1	98.6 99.2	98.6 99.2	98.8 99.3	98.9 99.4
IV 500 IV 400	30.8 30.9	91.8 91.9	95.0 95.1	97.1 97.2	97.8 97.9	98.0 98.1	98.3 98.3	98.8 98.9	99.0 99.1	99.2 99.2	99.3 99.4	99.3 99.4	99.4 99.4	99.4 99.5	99.6 99.6	99.6 99.7
IV 300 IV 200	30.9 30.9	91.9 91.9	95.1 95.1	97.2 97.2	97.9 97.9	98.1 98.1	98.6 98.6	99.0 99.0	99.2 99.2	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.7	99.6 99.7	99.8 99.9	99.9 99.9
IV 100 IV 0	30.9 30.9	91.9 91.9	95.1 95.1	97.2 97.2	97.9 97.9	98.1 98.1	98.6 98.6	99.0 99.0	99.2 99.2	99.4 99.4	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.9 99.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1386

USAF ETAC FORM 0-14-5 (O 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026 STATION HOMESTEAD AFB FLORIDA

43-44-57-70 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.4	59.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	24.4	61.8	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 18000	24.4	61.8	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 16000	24.4	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 14000	24.7	63.2	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 12000	25.2	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 10000	25.9	66.9	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 9000	26.1	67.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 8000	26.9	70.0	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 7000	27.2	72.0	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 6000	27.4	73.7	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 5000	28.0	76.8	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500	28.2	78.4	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 4000	28.6	80.5	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3500	29.2	81.5	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	30.3	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2500	31.3	88.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 2000	34.0	92.4	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	34.7	93.8	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	36.2	96.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	36.6	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	36.7	97.4	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	36.7	97.6	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	36.7	97.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	36.7	97.7	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	36.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	36.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	36.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	36.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	36.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	36.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	36.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1355

DATA PROCESSING DIVISION  
ETAC  
ATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FLORIDA

43-44, 57-70

YEARS

MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	22.8	55.5	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥20000	27.7	67.6	67.7	67.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 18000	27.8	67.1	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 16000	27.9	67.6	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 14000	28.2	68.2	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 12000	29.1	70.4	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	29.2	72.0	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 9000	29.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000	29.9	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 7000	30.2	77.7	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 6000	30.3	78.8	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 5000	30.3	80.8	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 4500	30.8	81.8	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4000	31.2	84.1	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500	32.1	85.2	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3000	33.3	87.9	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 2500	34.7	91.1	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	36.1	94.0	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1800	36.8	95.1	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	37.6	96.8	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 50	37.8	97.8	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 1356

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

18826 STATION HOMESTEAD AFB FLORIDA

42-44, 57-70 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.1	66.9	67.2	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 18000	29.1	73.4	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 16000	29.2	73.8	76.0	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 14000	29.2	76.0	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 12000	29.5	77.3	77.5	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	30.0	79.0	79.3	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 9000	30.4	80.2	80.4	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	30.5	81.5	81.8	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 7000	30.5	83.6	83.8	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	30.7	84.6	84.8	84.8	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 5000	30.8	87.6	87.8	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 4500	31.1	88.4	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4000	31.7	90.2	90.6	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	32.3	91.2	91.6	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 3000	33.0	93.1	93.7	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2500	33.4	94.7	95.2	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2000	33.7	95.5	96.0	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	34.0	95.8	96.4	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	34.2	96.2	96.8	97.4	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	34.5	96.8	97.5	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	34.5	96.9	97.7	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	34.5	96.9	97.7	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	34.5	97.0	97.9	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	34.5	97.1	98.0	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	34.5	97.1	98.0	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	34.5	97.1	98.0	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	34.5	97.1	98.0	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	34.5	97.1	98.0	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	34.5	97.1	98.0	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	34.5	97.1	98.0	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	34.5	97.1	98.0	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1355

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥1/8
NO CEILING	24.7	71.2	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.6	72.6	72.7	72.7	72.7	72.7
≥ 20000	26.7	76.2	76.9	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.6	77.6	77.7	77.7	77.7	77.7
IV 18000	27.0	76.5	77.2	77.3	77.5	77.5	77.5	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0
IV 16000	27.0	77.0	77.6	77.8	77.9	77.9	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
IV 14000	27.1	77.3	78.0	78.1	78.3	78.3	78.4	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8
IV 12000	27.2	77.9	78.6	78.7	78.9	78.9	79.0	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4
IV 10000	27.3	80.4	81.1	81.3	81.5	81.5	81.5	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0
IV 9000	27.7	81.2	81.9	82.1	82.3	82.3	82.3	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8
IV 8000	28.1	82.7	83.3	83.7	83.8	83.8	83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	28.7	84.6	85.3	85.7	85.8	85.8	85.9	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
IV 6000	29.0	86.0	86.9	87.1	87.2	87.2	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
IV 5000	29.2	88.4	89.3	89.5	89.7	89.7	89.7	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2
IV 4500	29.3	89.2	90.2	90.4	90.5	90.5	90.6	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1
IV 4000	29.8	90.7	91.7	91.9	92.0	92.0	92.1	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 3500	30.1	91.7	92.8	93.0	93.1	93.1	93.2	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
IV 3000	30.4	92.8	94.1	94.3	94.5	94.5	94.5	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0
IV 2500	30.9	93.9	95.2	95.6	95.7	95.7	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 2000	31.1	94.8	95.9	96.2	96.4	96.4	96.5	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IV 1800	31.1	94.6	95.9	96.3	96.5	96.5	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0
IV 1500	31.2	95.3	96.7	97.0	97.2	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
IV 1200	31.2	95.8	97.1	97.5	97.6	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.2
IV 1000	31.2	95.9	97.2	97.7	97.9	97.9	97.9	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 900	31.2	96.0	97.3	97.8	97.9	97.9	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5
IV 800	31.2	96.3	97.6	98.1	98.2	98.2	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.8
IV 700	31.2	96.6	97.9	98.4	98.5	98.5	98.6	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1
IV 600	31.2	96.7	98.0	98.4	98.7	98.7	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3
IV 500	31.2	96.9	98.3	98.8	99.0	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
IV 400	31.2	96.9	98.3	98.9	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
IV 300	31.2	96.9	98.3	98.9	99.1	99.2	99.3	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 200	31.2	96.9	98.3	98.9	99.1	99.2	99.3	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 100	31.2	96.9	98.3	98.9	99.1	99.2	99.3	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
L	31.2	96.9	98.3	98.9	99.1	99.2	99.3	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1354

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-57-70  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	21.6	67.0	68.7	69.1	69.5	69.5	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
IV 18000	22.7	71.0	72.6	73.1	73.5	73.5	73.9	73.9	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.3
IV 16000	22.9	71.2	72.8	73.3	73.7	73.7	74.1	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.5
IV 14000	23.2	71.6	73.2	73.7	74.1	74.1	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.8
IV 12000	23.7	72.3	73.9	74.4	74.8	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5
IV 10000	23.9	73.3	75.1	75.6	76.0	76.0	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.8
IV 9000	24.3	75.9	77.6	78.2	78.6	78.6	79.0	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.4
IV 8000	24.5	76.3	78.0	78.6	79.0	79.0	79.4	79.5	79.5	79.6	79.8	79.8	79.9	79.9	79.9	80.0
IV 7000	24.9	78.0	79.6	80.2	80.6	80.6	81.1	81.2	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.7
IV 6000	25.1	80.0	81.9	82.3	82.9	82.9	83.4	83.5	83.5	83.6	83.8	83.8	83.9	83.9	83.9	84.0
IV 5000	25.3	81.5	83.3	84.0	84.4	84.4	84.9	85.0	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.5
IV 4500	25.9	83.8	85.7	86.3	86.7	86.7	87.1	87.3	87.3	87.3	87.5	87.5	87.7	87.7	87.7	87.7
IV 4000	26.3	85.3	87.3	87.8	88.2	88.2	88.7	88.8	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.3
IV 3500	26.9	86.7	88.6	89.3	89.7	89.7	90.2	90.3	90.3	90.4	90.6	90.6	90.7	90.7	90.7	90.8
IV 3000	27.3	87.9	89.8	90.5	91.0	91.0	91.4	91.6	91.6	91.6	91.8	91.8	92.0	92.0	92.0	92.0
IV 2500	26.5	89.8	92.0	92.7	93.1	93.1	93.6	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.2
IV 2000	29.1	91.5	93.7	94.4	94.8	94.8	95.3	95.4	95.4	95.5	95.8	95.8	95.9	95.9	95.9	96.0
IV 1800	29.4	93.1	95.4	96.2	96.6	96.6	97.1	97.2	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.8
IV 1500	29.5	93.3	95.6	96.5	96.9	96.9	97.4	97.5	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0
IV 1200	29.6	93.9	96.3	97.2	97.6	97.6	98.0	98.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7	98.7
IV 1000	29.6	94.2	96.6	97.5	97.9	97.9	98.4	98.6	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.2
IV 900	29.6	94.3	96.7	97.7	98.1	98.1	98.6	98.8	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.4
IV 800	29.6	94.4	96.8	97.8	98.2	98.2	98.7	98.9	98.9	99.0	99.2	99.2	99.5	99.5	99.5	99.5
IV 700	29.6	94.5	96.9	97.9	98.3	98.3	98.8	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.6
IV 600	29.6	94.5	97.0	98.0	98.4	98.4	98.9	99.1	99.1	99.1	99.4	99.4	99.6	99.6	99.6	99.7
IV 500	29.6	94.6	97.0	98.0	98.5	98.5	99.0	99.1	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7
IV 400	29.6	94.6	97.0	98.0	98.5	98.5	99.0	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.8
IV 300	29.6	94.6	97.0	98.0	98.5	98.5	99.1	99.3	99.3	99.3	99.6	99.6	99.8	99.8	99.8	99.9
IV 200	29.6	94.6	97.0	98.0	98.5	98.5	99.1	99.3	99.3	99.3	99.7	99.7	99.9	99.9	99.9	100.0
IV 100	29.6	94.6	97.0	98.0	98.5	98.5	99.1	99.3	99.3	99.3	99.7	99.7	99.9	99.9	99.9	100.0
IV 0	29.6	94.6	97.0	98.0	98.5	98.5	99.1	99.3	99.3	99.3	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1484

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB, FLORIDA

43-44-57-70

YEARS

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	20.0	63.0	64.8	65.5	66.2	66.3	66.6	67.0	67.1	67.5	67.8	67.8	68.1	68.1	68.5	68.8
≥ 20000	21.2	67.2	69.2	69.9	70.7	70.7	71.1	71.5	71.6	71.9	72.2	72.2	72.6	72.6	73.0	73.3
≥ 18000	21.5	67.5	69.4	70.1	70.9	70.9	71.3	71.7	71.8	72.1	72.4	72.4	72.8	72.8	73.2	73.5
≥ 16000	21.5	67.6	69.5	70.3	71.0	71.1	71.4	71.8	71.9	72.2	72.6	72.6	72.9	72.9	73.3	73.6
≥ 14000	21.9	68.3	70.2	70.9	71.7	71.8	72.1	72.5	72.6	72.9	73.2	73.2	73.6	73.6	74.0	74.3
≥ 12000	22.1	69.5	71.5	72.2	73.0	73.0	73.4	73.8	73.8	74.2	74.5	74.5	74.8	74.8	75.2	75.6
≥ 10000	22.4	71.4	73.4	74.1	74.8	74.9	75.3	75.7	75.8	76.1	76.5	76.5	76.9	76.9	77.3	77.6
≥ 9000	22.5	72.2	74.1	74.8	75.6	75.7	76.1	76.5	76.5	76.9	77.2	77.3	77.6	77.6	78.0	78.3
≥ 8000	22.9	74.1	76.1	76.8	77.5	77.6	78.0	78.4	78.5	78.8	79.2	79.2	79.6	79.6	80.0	80.3
≥ 7000	23.0	75.4	77.3	78.1	79.0	79.0	79.5	79.9	80.0	80.3	80.7	80.7	81.0	81.0	81.4	81.8
≥ 6000	23.2	77.3	79.3	80.1	81.0	81.0	81.5	81.9	82.0	82.3	82.7	82.7	83.1	83.1	83.5	83.8
≥ 5000	23.5	79.7	81.6	82.6	83.5	83.5	84.0	84.4	84.5	84.8	85.2	85.2	85.6	85.6	86.0	86.3
≥ 4500	23.8	81.0	82.9	84.0	84.9	84.9	85.4	85.8	85.9	86.2	86.6	86.6	87.0	87.0	87.4	87.7
≥ 4000	23.9	82.0	83.9	85.0	85.9	85.9	86.4	86.8	86.9	87.2	87.6	87.6	88.0	88.0	88.4	88.7
≥ 3500	24.2	82.8	84.8	85.9	86.8	86.9	87.4	87.8	87.8	88.2	88.6	88.6	89.0	89.0	89.4	89.7
≥ 3000	24.3	83.2	85.2	86.3	87.2	87.3	87.8	88.2	88.3	88.7	89.1	89.1	89.5	89.5	89.9	90.2
≥ 2500	25.9	87.3	89.4	90.6	91.5	91.5	92.0	92.4	92.5	92.9	93.3	93.3	93.6	93.6	94.0	94.4
≥ 2000	26.3	88.7	91.0	92.3	93.3	93.3	93.8	94.2	94.3	94.7	95.1	95.1	95.4	95.4	95.8	96.2
≥ 1800	26.2	88.9	91.2	92.5	93.5	93.5	94.0	94.4	94.5	94.9	95.3	95.3	95.6	95.6	96.0	96.4
≥ 1500	26.5	90.0	92.4	93.7	94.7	94.7	95.2	95.6	95.7	96.1	96.5	96.5	96.8	96.8	97.2	97.6
≥ 1200	26.5	90.4	92.8	94.1	95.1	95.2	95.6	96.0	96.1	96.5	96.9	96.9	97.2	97.2	97.6	98.0
≥ 1000	26.9	90.6	93.1	94.5	95.5	95.5	96.0	96.4	96.5	96.9	97.3	97.3	97.6	97.6	98.0	98.4
≥ 900	26.5	90.7	93.2	94.6	95.6	95.6	96.1	96.5	96.6	97.0	97.4	97.4	97.7	97.7	98.1	98.5
≥ 800	26.6	90.8	93.3	94.7	95.7	95.7	96.2	96.6	96.7	97.1	97.5	97.5	97.8	97.8	98.2	98.6
≥ 700	26.6	90.9	93.3	94.7	95.7	95.7	96.2	96.6	96.7	97.1	97.5	97.5	97.8	97.8	98.2	98.6
≥ 600	26.7	90.9	93.3	94.7	95.7	95.7	96.2	96.6	96.7	97.1	97.5	97.5	97.8	97.8	98.2	98.6
≥ 500	26.7	91.0	93.4	94.8	95.8	95.8	96.3	96.7	96.8	97.2	97.6	97.6	97.9	97.9	98.3	98.7
≥ 400	26.7	91.0	93.4	94.8	95.8	95.8	96.3	96.7	96.8	97.2	97.6	97.6	97.9	97.9	98.3	98.7
≥ 300	26.7	91.1	93.5	94.9	95.9	95.9	96.4	96.8	96.9	97.3	97.7	97.7	98.0	98.0	98.4	98.8
≥ 200	26.7	91.1	93.5	94.9	95.9	95.9	96.4	96.8	96.9	97.3	97.7	97.7	98.0	98.0	98.4	98.8
≥ 100	26.7	91.1	93.5	94.9	95.9	95.9	96.4	96.8	96.9	97.3	97.7	97.7	98.0	98.0	98.4	98.8

TOTAL NUMBER OF OBSERVATIONS 1487

DATA PROCESSING DIVISION  
USAF ETAC  
AFM WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	15.9	56.0	59.2	60.1	61.2	61.3	61.9	62.4	62.4	62.8	62.8	62.8	62.8	62.9	63.0	63.4
≥ 20000	18.3	63.1	66.3	67.9	69.3	69.4	70.0	70.5	70.6	71.0	71.1	71.1	71.2	71.2	71.8	72.4
IV 18000	18.3	63.4	67.2	68.3	69.6	69.7	70.4	70.8	70.8	71.4	71.4	71.4	71.5	71.6	72.1	72.7
IV 16000	18.3	63.7	67.3	68.6	70.0	70.0	70.7	71.2	71.2	71.7	71.8	71.8	71.8	71.9	72.4	73.1
IV 14000	18.6	64.2	68.1	69.2	70.5	70.6	71.2	71.7	71.7	72.2	72.3	72.3	72.4	72.4	73.0	73.6
IV 12000	19.3	65.8	69.8	70.8	72.2	72.2	72.9	73.4	73.5	73.9	74.0	74.0	74.1	74.1	74.7	75.3
IV 10000	19.8	68.6	72.6	73.7	75.0	75.1	75.7	76.2	76.3	76.7	76.8	76.8	76.9	77.0	77.6	78.2
IV 9000	20.0	69.2	73.2	74.3	75.6	75.7	76.3	76.8	76.9	77.4	77.4	77.4	77.5	77.6	78.2	78.8
IV 8000	20.2	71.3	75.3	76.5	78.0	78.0	78.7	79.2	79.2	79.7	79.8	79.8	79.8	80.0	80.5	81.2
IV 7000	20.4	72.4	76.3	77.8	79.2	79.3	80.0	80.4	80.5	81.0	81.0	81.0	81.1	81.3	81.8	82.5
IV 6000	20.6	73.7	77.8	79.1	80.5	80.6	81.3	81.7	81.8	82.3	82.3	82.3	82.4	82.5	83.1	83.7
IV 5000	20.8	75.3	79.7	81.0	82.4	82.5	83.1	83.6	83.7	84.1	84.2	84.2	84.3	84.4	84.9	85.6
IV 4500	21.5	77.2	81.5	82.7	84.1	84.2	84.9	85.3	85.4	85.9	86.0	86.0	86.0	86.2	86.7	87.4
IV 4000	21.7	78.4	82.7	84.0	85.4	85.5	86.2	86.8	86.9	87.4	87.4	87.4	87.5	87.6	88.2	88.8
IV 3500	22.1	79.3	83.7	85.0	86.4	86.5	87.2	87.9	88.0	88.4	88.5	88.5	88.6	88.7	89.2	89.9
IV 3000	22.7	81.2	85.7	87.2	88.6	88.6	89.4	90.1	90.1	90.6	90.7	90.7	90.7	90.9	91.4	92.1
IV 2500	23.2	82.4	86.9	88.3	89.9	90.0	90.8	91.5	91.5	92.0	92.1	92.1	92.2	92.3	92.9	93.5
IV 2000	23.9	85.6	89.3	90.9	92.5	92.5	93.3	94.1	94.2	94.7	94.8	94.8	94.9	95.0	95.6	96.2
IV 1800	24.0	84.9	89.6	91.2	92.7	92.8	93.6	94.4	94.4	95.0	95.1	95.1	95.2	95.3	95.8	96.5
IV 1500	24.2	85.1	90.3	91.9	93.5	93.6	94.5	95.2	95.3	95.8	95.9	96.0	96.0	96.2	96.7	97.4
IV 1200	24.3	85.1	90.3	92.1	93.8	93.8	94.7	95.4	95.5	96.0	96.2	96.2	96.2	96.4	96.9	97.6
IV 1000	24.3	86.0	90.9	92.6	94.4	94.4	95.3	96.0	96.1	96.6	96.8	96.8	96.8	97.0	97.5	98.2
IV 900	24.3	86.1	91.0	92.7	94.6	94.6	95.5	96.2	96.3	96.8	97.0	97.0	97.0	97.2	97.7	98.4
IV 800	24.3	86.2	91.1	92.8	94.6	94.7	95.6	96.3	96.4	96.9	97.0	97.0	97.1	97.2	97.8	98.5
IV 700	24.3	86.3	91.2	92.9	94.8	94.8	95.7	96.4	96.5	97.0	97.2	97.2	97.2	97.4	97.9	98.6
IV 600	24.3	86.3	91.3	93.3	95.2	95.2	96.1	96.8	96.9	97.4	97.5	97.6	97.6	97.8	98.3	99.0
IV 500	24.3	86.3	91.7	93.6	95.4	95.5	96.4	97.1	97.2	97.7	97.8	97.8	98.0	98.1	98.7	99.3
IV 400	24.3	86.6	91.7	93.7	95.5	95.6	96.5	97.2	97.3	97.8	98.0	98.0	98.1	98.3	98.9	99.5
IV 300	24.3	86.6	91.7	93.7	95.6	95.6	96.6	97.3	97.4	97.9	98.1	98.1	98.3	98.5	99.0	99.7
IV 200	24.3	86.6	91.7	93.7	95.6	95.6	96.6	97.4	97.4	98.0	98.1	98.1	98.3	98.5	99.1	99.8
IV 100	24.3	86.6	91.7	93.7	95.6	95.6	96.6	97.4	97.4	98.0	98.1	98.1	98.3	98.5	99.1	99.8
IV 0	24.3	86.6	91.7	93.7	95.6	95.6	96.6	97.4	97.4	98.0	98.1	98.1	98.3	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1468



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-44-57-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.8	52.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	21.8	62.8	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	22.0	62.6	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 16000	22.2	62.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 14000	22.5	64.1	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 12000	22.8	65.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 10000	23.9	69.2	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 9000	24.2	69.0	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 8000	24.5	72.2	72.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 7000	24.7	73.5	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 6000	24.9	74.8	76.2	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 5000	25.5	76.5	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4500	25.7	77.3	78.8	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4000	26.1	79.2	80.6	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	26.6	80.0	81.5	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3000	28.1	83.1	84.5	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2500	30.2	87.3	88.8	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2000	31.6	91.7	92.2	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800	31.7	92.2	93.7	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1500	32.3	93.8	95.3	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	32.9	95.4	96.9	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	32.1	96.2	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	33.3	96.5	98.1	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	33.3	97.0	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	33.3	97.0	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	33.3	97.0	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	33.3	97.1	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	33.3	97.1	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	33.3	97.1	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	33.3	97.1	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	33.3	97.1	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	33.3	97.1	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1488

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 57-70  
YEARS

HAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.1	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 20000	20.8	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 18000	21.0	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 16000	21.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 14000	21.3	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 12000	21.9	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 10000	22.3	67.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 9000	22.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 8000	22.9	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 7000	23.1	70.1	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 6000	23.2	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 5000	24.0	73.0	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 4500	24.2	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	24.7	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 3500	26.0	76.5	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 3000	28.2	81.2	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 2500	31.7	86.8	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	34.8	93.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	35.3	94.4	95.4	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1500	35.9	96.4	97.6	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	36.3	97.4	98.6	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	36.4	97.8	98.7	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	36.4	97.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	36.4	97.7	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	36.4	97.7	98.9	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	36.4	97.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	36.4	97.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	36.4	97.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	36.4	97.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	36.4	97.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	36.4	97.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	36.4	97.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1487

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12576 HOMESTEAD AFB FLORIDA

43-44-57-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.1	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 20000	24.0	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 18000	24.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	24.7	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 14000	24.9	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 12000	25.4	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 10000	26.2	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 9000	26.2	72.9	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 8000	26.8	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 7000	26.9	75.9	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 6000	27.4	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 5000	27.8	79.0	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4500	28.2	79.6	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 4000	28.7	81.2	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 3500	29.7	83.0	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 3000	30.9	85.6	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2500	32.1	90.3	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	33.6	93.1	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	35.6	95.3	96.3	96.5	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	36.2	96.6	97.6	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	36.4	96.8	97.8	98.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	36.4	96.9	97.9	98.2	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	36.4	97.1	98.1	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	36.4	97.2	98.3	98.6	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	36.4	97.2	98.3	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	36.4	97.3	98.4	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	36.4	97.4	98.5	99.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	36.4	97.4	98.5	99.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	36.4	97.4	98.5	99.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	36.4	97.4	98.5	99.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	36.4	97.4	98.5	99.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	36.4	97.4	98.5	99.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1488

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB, FLORIDA

43-44-57-70

YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.1	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 20000	26.6	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 18000	26.5	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 16000	26.7	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 14000	27.2	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 12000	27.4	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 10000	28.4	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 9000	29.0	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 8000	29.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 7000	30.0	84.3	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 6000	30.3	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 5000	30.7	87.8	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	30.8	88.3	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	31.3	89.8	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3500	31.9	90.9	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3000	32.3	93.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	34.7	94.9	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	34.1	96.2	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	34.2	96.3	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	34.3	96.8	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	34.3	97.0	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	34.3	97.2	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	34.3	97.3	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	34.3	97.4	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	34.3	97.4	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	34.3	97.4	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	34.4	97.5	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	34.4	97.5	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	34.4	97.5	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	34.4	97.5	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	34.4	97.5	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	34.4	97.5	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1488

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-44-27-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	25.2 27.4	72.7 78.0	73.0 78.2	73.1 78.4	73.2 78.4	73.2 78.4	73.2 78.4	73.2 78.4	73.2 78.4	73.2 78.4	73.3 78.5	73.3 78.5	73.3 78.5	73.3 78.5	73.3 78.5	73.3 78.5
IV 18000 16000	27.4 27.4	78.0 78.0	78.2 78.2	78.4 78.4	78.5 78.5	78.5 78.5	78.5 78.5	78.5 78.5	78.5 78.5	78.5 78.5	78.6 78.6	78.6 78.6	78.6 78.6	78.6 78.6	78.6 78.6	78.6 78.6
IV 14000 12000	28.0 28.2	79.0 80.2	79.3 80.4	79.4 80.6	79.5 80.6	79.5 80.6	79.5 80.6	79.5 80.6	79.5 80.6	79.5 80.6	79.6 80.7	79.6 80.7	79.6 80.7	79.6 80.7	79.6 80.7	79.6 80.7
IV 10000 9000	28.7 28.8	82.7 83.3	83.1 83.7	83.2 83.8	83.3 83.9	83.3 83.9	83.3 83.9	83.3 83.9	83.3 83.9	83.3 83.9	83.4 84.0	83.4 84.0	83.4 84.0	83.4 84.0	83.4 84.0	83.4 84.0
IV 8000 7000	29.2 29.6	85.3 86.8	85.7 87.2	85.8 87.3	86.0 87.5	86.0 87.5	86.1 87.6	86.1 87.6	86.1 87.6	86.1 87.6	86.2 87.6	86.2 87.6	86.2 87.6	86.2 87.6	86.2 87.6	86.2 87.6
IV 6000 5000	29.8 30.4	88.3 91.1	88.8 91.7	88.9 91.8	89.1 92.0	89.1 92.0	89.2 92.1	89.2 92.1	89.2 92.1	89.2 92.1	89.2 92.2	89.2 92.2	89.2 92.2	89.2 92.2	89.2 92.2	89.2 92.2
IV 4500 4000	30.9 31.1	91.4 92.7	91.9 93.3	92.1 93.4	92.2 93.6	92.3 93.6	92.3 93.7	92.3 93.7	92.3 93.7	92.3 93.7	92.5 93.8	92.5 93.8	92.5 93.8	92.5 93.8	92.5 93.8	92.5 93.8
IV 3500 3000	31.4 32.0	93.3 93.8	94.1 94.9	94.3 95.1	94.5 95.2	94.5 95.2	94.6 95.4	94.6 95.4	94.6 95.4	94.6 95.4	94.7 95.5	94.7 95.5	94.7 95.5	94.7 95.5	94.7 95.5	94.7 95.5
IV 2500 2000	32.3 32.6	96.0 97.2	96.8 98.1	97.0 98.3	97.2 98.5	97.2 98.5	97.3 98.6	97.3 98.6	97.3 98.6	97.3 98.6	97.4 98.7	97.4 98.7	97.4 98.7	97.4 98.7	97.4 98.7	97.4 98.7
IV 1500 1000	32.6 32.7	97.4 98.1	98.3 99.0	98.3 99.3	98.8 99.6	98.8 99.6	98.9 99.7	98.9 99.7	98.9 99.7	98.9 99.7	99.1 99.9	99.1 99.9	99.1 99.9	99.1 99.9	99.1 99.9	99.1 99.9
IV 900 800	32.7 32.7	98.1 98.1	99.0 99.0	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 700 600	32.7 32.7	98.1 98.1	99.0 99.0	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 500 400	32.7 32.7	98.1 98.1	99.0 99.0	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 300 200	32.7 32.7	98.1 98.1	99.0 99.0	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 0	32.7 32.7	98.1 98.1	99.0 99.0	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1488

USAF ETAC FORM 0-1 4-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-57-70  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	24.8	76.6	77.5	78.0	78.2	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 18000	26.8	81.7	82.6	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 16000	26.8	81.9	82.8	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 14000	27.0	82.3	83.3	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 12000	27.4	84.1	85.0	85.6	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 10000	28.1	85.7	86.6	87.2	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 9000	28.1	85.9	86.8	87.4	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 8000	28.3	86.9	87.8	88.4	88.7	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 7000	28.3	87.9	88.8	89.4	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 6000	28.9	88.7	89.6	90.2	90.5	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 5000	29.4	89.5	90.4	91.0	91.2	91.2	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 4500	29.3	90.1	91.0	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 4000	29.7	91.2	92.1	92.8	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3500	30.0	92.3	93.2	93.8	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3000	30.3	93.3	94.1	94.8	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2500	31.1	94.9	95.8	96.6	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	31.4	96.8	97.7	98.2	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	31.5	96.5	97.6	98.4	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	31.2	96.7	97.9	98.7	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	31.6	96.9	98.1	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	31.6	97.1	98.3	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1439

USAF ETAC FORM 0-14-5 (OL1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-44-57-70

YEAR

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0200-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	21.1	70.6	72.6	73.7	74.5	74.6	75.0	75.3	75.3	75.6	75.8	76.0	76.1	76.2	76.5	76.7
IV 18000	22.4	76.3	78.3	79.4	80.2	80.3	80.7	81.2	81.2	81.5	81.7	81.8	81.9	82.0	82.3	82.4
IV 16000	23.4	76.3	78.3	79.6	80.4	80.5	80.9	81.4	81.4	81.7	81.9	82.0	82.2	82.2	82.5	82.8
IV 14000	23.5	76.7	78.8	79.9	80.8	80.8	81.3	81.7	81.7	82.0	82.2	82.3	82.4	82.5	82.8	83.1
IV 12000	23.9	76.8	79.0	80.1	80.9	81.0	81.4	81.9	81.9	82.2	82.4	82.5	82.6	82.7	83.0	83.3
IV 10000	24.1	78.1	80.3	81.4	82.2	82.3	82.7	83.2	83.2	83.5	83.7	83.8	84.0	84.0	84.2	84.6
IV 9000	24.8	79.7	82.0	83.1	84.0	84.0	84.4	84.9	84.9	85.2	85.4	85.6	85.7	85.8	86.0	86.3
IV 8000	24.9	80.1	82.4	83.5	84.4	84.4	84.9	85.3	85.3	85.6	85.8	86.0	86.1	86.2	86.5	86.7
IV 7000	25.4	81.3	83.5	84.7	85.6	85.7	86.1	86.6	86.6	86.9	87.1	87.2	87.4	87.4	87.7	88.0
IV 6000	25.7	82.2	84.5	85.7	86.6	86.7	87.1	87.6	87.6	87.9	88.1	88.2	88.3	88.4	88.7	89.0
IV 5000	25.7	82.7	85.0	86.2	87.1	87.2	87.6	88.1	88.1	88.4	88.6	88.8	88.9	89.0	89.2	89.5
IV 4500	26.2	84.0	86.3	87.6	88.5	88.5	89.0	89.5	89.5	89.8	90.0	90.1	90.2	90.3	90.6	90.9
IV 4000	26.7	84.9	87.2	88.5	89.4	89.5	89.9	90.5	90.5	90.8	91.0	91.1	91.2	91.3	91.6	91.9
IV 3500	27.1	85.8	88.2	89.6	90.5	90.6	91.0	91.5	91.5	91.8	92.0	92.1	92.2	92.3	92.6	92.9
IV 3000	27.2	86.3	88.7	90.1	91.0	91.0	91.4	91.9	91.9	92.2	92.4	92.5	92.6	92.7	93.0	93.4
IV 2500	27.9	87.6	90.1	91.5	92.4	92.4	92.8	93.4	93.4	93.7	93.9	94.0	94.2	94.2	94.5	94.8
IV 2000	28.2	89.2	91.7	93.1	94.0	94.0	94.4	95.0	95.0	95.3	95.5	95.6	95.8	95.8	96.1	96.4
IV 1800	28.3	90.6	93.1	94.4	95.3	95.4	95.8	96.3	96.3	96.6	96.8	96.9	97.1	97.2	97.5	97.8
IV 1500	28.4	90.7	93.3	94.7	95.6	95.6	96.0	96.7	96.7	96.9	97.2	97.3	97.4	97.5	97.8	98.1
IV 1200	28.9	91.0	93.5	94.9	95.8	95.8	96.2	96.9	96.9	97.2	97.4	97.5	97.6	97.7	98.0	98.3
IV 1000	28.9	91.3	93.8	95.2	96.1	96.1	96.5	97.1	97.1	97.4	97.6	97.7	97.8	97.9	98.2	98.5
IV 900	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 800	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 700	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 600	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 500	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 400	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 300	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 200	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 100	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	98.7
IV 0	28.9	91.3	94.0	95.4	96.3	96.3	96.7	97.3	97.3	97.6	97.8	97.9	98.0	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12820 HOMESTEAD AFB FLORIDA

42-44-57-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.9	58.5	61.9	64.1	65.1	65.5	66.4	66.5	66.6	66.8	66.9	66.9	67.2	67.4	67.6	67.8
≥ 20000	20.1	68.1	72.1	74.2	75.7	76.0	77.1	77.2	77.3	77.6	77.8	77.8	78.1	78.3	78.5	78.8
IV 18000	20.1	68.3	72.4	74.6	76.1	76.5	77.5	77.7	77.8	78.1	78.3	78.3	78.6	78.7	78.9	79.2
IV 16000	20.1	68.3	72.6	74.8	76.3	76.7	77.7	77.9	78.0	78.3	78.5	78.5	78.7	78.9	79.1	79.4
IV 14000	20.4	69.1	73.3	75.3	76.9	77.2	78.3	78.5	78.6	78.9	79.1	79.1	79.3	79.5	79.7	80.0
IV 12000	20.8	69.9	74.1	76.2	77.8	78.2	79.3	79.5	79.6	79.9	80.1	80.1	80.3	80.6	80.8	81.0
IV 10000	21.7	72.5	76.5	78.7	80.2	80.6	81.6	81.9	81.9	82.3	82.5	82.5	82.8	83.0	83.2	83.5
IV 9000	21.9	72.6	76.7	79.0	80.5	80.8	81.9	82.2	82.2	82.6	82.8	82.8	83.1	83.3	83.5	83.8
IV 8000	22.1	73.3	77.5	79.7	81.2	81.6	82.6	82.9	82.9	83.3	83.5	83.5	83.8	84.0	84.2	84.5
IV 7000	22.1	74.0	78.3	80.5	82.0	82.4	83.4	83.7	83.7	84.1	84.3	84.3	84.6	84.8	85.0	85.3
IV 6000	22.3	74.7	79.0	81.2	82.7	83.1	84.1	84.4	84.4	84.8	85.1	85.1	85.4	85.6	85.8	86.1
IV 5000	23.1	77.2	81.5	83.7	85.2	85.6	86.6	86.9	86.9	87.3	87.5	87.5	87.8	88.0	88.2	88.5
IV 4500	23.3	77.6	82.0	84.2	85.7	86.1	87.1	87.4	87.4	87.8	88.1	88.1	88.4	88.6	88.8	89.1
IV 4000	23.3	78.6	83.0	85.2	86.7	87.1	88.1	88.4	88.4	88.8	89.1	89.1	89.4	89.6	89.8	90.1
IV 3500	24.1	79.3	83.7	85.9	87.4	87.8	88.8	89.1	89.1	89.5	89.8	89.8	90.1	90.3	90.5	90.8
IV 3000	24.2	80.4	84.8	87.0	88.5	88.9	89.9	90.2	90.2	90.6	90.9	90.9	91.2	91.4	91.6	91.9
IV 2500	24.9	81.9	86.3	88.5	90.0	90.4	91.4	91.7	91.7	92.1	92.4	92.4	92.7	92.9	93.1	93.4
IV 2000	25.8	84.2	88.6	90.8	92.3	92.7	93.7	94.0	94.0	94.4	94.7	94.7	95.0	95.2	95.4	95.7
IV 1800	26.0	84.8	89.2	91.4	92.9	93.3	94.3	94.6	94.6	95.0	95.3	95.3	95.6	95.8	96.0	96.3
IV 1500	26.2	85.6	90.0	92.2	93.7	94.1	95.1	95.4	95.4	95.8	96.1	96.1	96.4	96.6	96.8	97.1
IV 1200	26.4	85.9	91.0	93.2	94.7	95.1	96.1	96.4	96.4	96.8	97.1	97.1	97.4	97.6	97.8	98.1
IV 1000	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 900	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 800	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 700	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 600	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 500	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 400	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 300	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 200	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
IV 100	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2
0	26.4	86.0	91.1	93.3	94.8	95.2	96.2	96.5	96.5	96.9	97.2	97.2	97.5	97.7	97.9	98.2

TOTAL NUMBER OF OBSERVATIONS 1440



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12926 STATION HOMESTEAD AFB FLORIDA

43-44-27-70 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	18.9	57.8	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	24.1	70.9	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 18000	24.2	71.0	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 16000	24.3	71.1	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 14000	24.4	71.2	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 12000	24.5	71.3	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 10000	24.6	71.4	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 9000	24.7	71.5	71.8	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 8000	24.8	71.6	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	24.9	71.7	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 6000	25.0	71.8	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 5000	25.1	71.9	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4500	25.2	72.0	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 4000	25.3	72.1	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 3500	25.4	72.2	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 3000	25.5	72.3	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 2500	25.6	72.4	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 2000	25.7	72.5	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 1800	25.8	72.6	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 1500	25.9	72.7	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 1200	26.0	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 1000	26.1	72.9	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 900	26.2	73.0	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 800	26.3	73.1	73.4	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 700	26.4	73.2	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 600	26.5	73.3	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 500	26.6	73.4	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 400	26.7	73.5	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 300	26.8	73.6	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 200	26.9	73.7	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 100	27.0	73.8	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 0	27.1	73.9	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6

TOTAL NUMBER OF OBSERVATIONS 1440



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

3-44-57-70  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.9	56.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	21.9	68.3	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 18000	22.2	68.7	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 16000	22.4	68.9	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 14000	22.8	69.3	69.4	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 12000	23.9	71.1	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	23.9	73.0	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 9000	23.9	73.0	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 8000	24.3	74.1	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 7000	24.7	74.9	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 6000	24.9	75.4	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 5000	25.4	76.6	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4500	25.4	77.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	25.4	78.4	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3500	27.6	80.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3000	29.3	83.8	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	33.2	90.8	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	33.2	92.8	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	33.2	96.8	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	36.7	97.8	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	37.1	98.2	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	37.1	98.2	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1440

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

18826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-46-57-70  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	17.4	58.5	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	22.8	71.8	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 16000	24.1	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 14000	24.9	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 12000	25.3	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	26.1	76.7	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 9000	26.3	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 8000	26.9	78.8	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 7000	27.4	79.7	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 6000	27.9	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 5000	27.9	81.5	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4500	28.3	82.8	82.8	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4000	29.0	83.4	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3500	29.8	84.7	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	31.6	87.6	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2500	34.4	92.8	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	36.4	96.3	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	36.4	96.7	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	37.0	97.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	37.0	97.7	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	37.0	97.9	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	37.0	97.9	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	37.0	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-57-70  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 2000	21.9	64.0	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 18000	27.9	77.9	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 16000	28.1	78.1	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 14000	28.9	79.4	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 12000	29.2	80.2	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 10000	30.0	82.1	83.8	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 9000	30.1	83.6	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 8000	30.1	84.9	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 7000	30.3	86.0	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 6000	30.6	86.9	87.3	87.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	30.9	88.9	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4500	31.0	89.8	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4000	31.4	90.7	91.4	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	31.9	91.8	92.0	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	32.0	93.6	94.2	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	33.9	95.8	96.6	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	34.7	97.4	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	34.9	97.6	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	35.1	98.0	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	35.1	98.1	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	35.1	98.1	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	35.2	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1440

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026 STATION HOMESTEAD AFB FLORIDA

43-44-87-70 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LT ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	27.2	77.2	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 18000	30.3	83.9	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 16000	30.3	83.9	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 14000	30.3	84.2	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 12000	30.3	85.1	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 10000	31.2	86.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 9000	31.2	86.6	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 8000	31.2	87.9	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 7000	31.2	88.7	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 6000	31.2	89.7	90.2	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 5000	32.2	91.0	91.6	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4500	32.2	91.8	92.4	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4000	32.2	92.7	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3500	33.1	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3000	33.1	94.7	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500	33.1	96.0	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	34.2	97.4	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	34.4	97.7	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	34.4	97.8	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	34.4	97.9	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	34.4	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	34.4	97.9	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	34.4	98.0	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1440

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12226 HOMESTEAD AFB FLORIDA

42-45-57-70

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.9	65.8	67.0	67.4	67.6	67.6	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
IV 20000	31.1	78.2	79.4	80.2	80.4	80.4	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2
IV 18000	31.2	78.3	79.5	80.3	80.6	80.7	81.0	81.1	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.5
IV 16000	31.3	78.5	79.7	80.4	80.7	80.9	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.6
IV 14000	31.6	79.4	80.6	81.4	81.6	81.8	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.6
IV 12000	32.3	81.0	82.2	83.0	83.2	83.3	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2
IV 10000	33.2	83.4	84.6	85.4	85.7	85.9	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.7
IV 9000	33.6	84.0	85.2	86.0	86.3	86.4	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.3
IV 8000	34.3	85.6	86.8	87.6	87.8	88.0	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.8	88.8	88.9
IV 7000	34.8	86.6	87.8	88.7	88.9	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9
IV 6000	35.0	87.7	88.9	89.7	90.0	90.2	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.9	90.9	91.0
IV 5000	35.2	88.3	89.6	90.4	90.7	90.9	91.1	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.7	91.7
IV 4500	35.3	88.5	90.1	90.9	91.2	91.4	91.6	91.7	91.9	91.9	91.9	92.0	92.0	92.1	92.2	92.2
IV 4000	35.3	89.7	90.9	91.8	92.1	92.3	92.5	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.1	93.1
IV 3500	35.6	90.1	91.4	92.3	92.5	92.7	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.5	93.5	93.5
IV 3000	36.0	90.8	92.1	93.0	93.2	93.4	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.2	94.2	94.2
IV 2500	36.7	92.1	93.4	94.4	94.6	94.8	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.6	95.6	95.6
IV 2000	37.4	93.7	95.0	96.8	96.9	97.0	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.9	97.9	98.0
IV 1800	37.4	93.8	95.0	96.8	96.8	97.1	97.3	97.5	97.7	97.7	97.7	97.8	97.8	98.0	98.1	98.1
IV 1500	37.6	94.6	95.6	97.6	98.0	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2
IV 1200	37.7	94.7	96.8	97.8	98.2	98.4	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.5
IV 1000	37.7	94.8	96.9	97.9	98.3	98.5	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.6	99.6	99.6
IV 900	37.7	94.8	96.9	97.9	98.4	98.6	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.8
IV 800	37.7	94.8	96.9	98.0	98.4	98.7	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.9	99.9	99.9
IV 700	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 600	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 500	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 400	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 300	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 200	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 100	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 0	37.7	94.9	97.0	98.0	98.5	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1579

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826

HOMESTEAD AFB, FLORIDA

42-45-27-70

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.3	65.5	66.5	67.3	68.0	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	27.6	77.0	78.6	79.8	80.4	80.5	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 18000	27.6	77.0	78.6	79.8	80.4	80.5	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 16000	27.7	77.0	78.7	79.9	80.6	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 14000	27.7	77.0	78.6	79.6	80.6	81.3	81.4	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 12000	28.4	79.1	80.7	82.0	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 10000	28.7	81.7	83.4	84.7	85.4	85.4	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 9000	29.1	82.1	83.8	85.1	85.8	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 8000	30.1	83.7	85.4	86.6	87.2	87.4	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 7000	30.7	84.9	86.6	87.9	88.6	88.7	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000	30.9	85.3	87.2	88.5	89.2	89.2	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 5000	31.0	86.2	88.1	89.5	90.2	90.3	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4500	31.1	86.6	88.7	90.1	90.8	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	31.3	87.4	89.5	90.7	91.4	91.5	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	31.4	87.8	89.9	90.9	91.6	91.7	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3000	31.8	88.2	90.3	91.6	92.3	92.3	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500	32.6	89.7	92.0	93.4	94.2	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	33.4	91.7	94.1	95.7	96.6	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	33.5	91.8	94.3	95.9	96.8	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	33.7	92.0	94.5	96.1	97.0	97.2	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	33.7	92.3	94.8	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 1580

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

12026 STATION HOMESTEAD AFB, FLORIDA

43-45, 57-70

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	17.8	53.0	55.6	56.5	57.7	57.8	58.0	58.0	58.0	58.3	58.3	58.4	58.4	58.4	58.5
≥ 20000	26.0	67.4	71.1	72.3	73.7	73.9	74.4	74.6	74.8	75.3	75.3	75.4	75.7	75.7	75.9
IV 18000	24.0	67.4	71.1	72.3	73.7	73.9	74.4	74.6	74.8	75.3	75.3	75.4	75.7	75.7	75.9
IV 16000	24.0	67.4	71.1	72.4	73.7	74.0	74.6	74.9	74.9	75.3	75.4	75.4	75.8	75.8	76.0
IV 14000	24.3	69.1	72.8	74.1	75.4	75.6	76.1	76.5	76.5	77.0	77.0	77.1	77.4	77.4	77.7
IV 12000	23.3	72.2	76.0	77.3	78.6	78.9	79.4	79.7	79.7	80.2	80.2	80.3	80.6	80.6	80.9
IV 10000	26.6	75.9	79.2	80.6	81.9	82.2	82.7	83.0	83.0	83.5	83.5	83.6	83.9	83.9	84.2
IV 9000	27.0	76.0	80.1	81.4	82.7	83.0	83.5	83.9	83.9	84.3	84.3	84.4	84.7	84.7	85.0
IV 8000	27.7	77.7	82.1	83.4	84.7	85.0	85.5	85.9	85.9	86.3	86.3	86.4	86.8	86.8	87.0
IV 7000	28.2	79.2	83.7	85.1	86.4	86.6	87.2	87.5	87.5	87.8	87.8	88.0	88.1	88.4	88.7
IV 6000	28.4	80.2	84.7	86.2	87.5	87.8	88.3	88.7	88.7	89.2	89.2	89.3	89.6	89.6	89.9
IV 5000	28.4	80.7	85.3	86.8	88.1	88.4	88.9	89.2	89.2	89.8	89.8	89.9	90.3	90.3	90.5
IV 4500	28.8	81.8	86.8	87.3	88.7	88.9	89.4	89.9	89.9	90.4	90.4	90.5	90.8	90.8	91.1
IV 4000	28.8	81.8	86.3	87.8	89.2	89.4	89.9	90.3	90.3	90.9	90.9	91.0	91.3	91.3	91.6
IV 3500	28.9	82.0	86.3	88.0	89.4	89.6	90.1	90.5	90.5	91.1	91.1	91.2	91.5	91.5	91.8
IV 3000	29.6	83.0	87.6	89.1	90.4	90.7	91.2	91.6	91.6	92.2	92.2	92.3	92.6	92.6	92.8
IV 2500	31.3	85.3	90.1	91.6	93.0	93.2	93.8	94.2	94.2	94.8	94.8	94.9	95.3	95.3	95.5
IV 2000	32.3	87.3	92.3	93.9	95.2	95.4	96.1	96.5	96.5	97.1	97.1	97.2	97.6	97.6	97.8
IV 1800	32.3	87.7	92.3	94.1	95.6	95.7	96.3	96.6	96.6	97.4	97.4	97.5	97.9	97.9	98.2
IV 1500	32.3	88.2	93.0	94.7	96.1	96.4	97.0	97.3	97.3	98.2	98.2	98.4	98.7	98.7	99.0
IV 1200	32.6	88.6	93.3	94.9	96.4	96.6	97.3	97.7	97.7	98.3	98.3	98.7	99.1	99.1	99.3
IV 1000	32.6	88.6	93.3	95.3	96.7	97.0	97.6	98.0	98.0	98.8	98.8	99.0	99.4	99.4	99.6
IV 900	32.6	88.6	93.3	95.3	96.7	97.0	97.6	98.0	98.0	98.8	98.8	99.0	99.4	99.4	99.7
IV 800	32.6	88.6	93.3	95.3	96.7	97.0	97.6	98.0	98.0	98.8	98.8	99.0	99.4	99.4	99.7
IV 700	32.6	88.6	93.3	95.3	96.7	97.0	97.6	98.0	98.0	98.8	98.8	99.0	99.4	99.4	99.7
IV 600	32.6	88.7	93.6	95.3	96.8	97.0	97.7	98.2	98.2	99.0	99.0	99.2	99.6	99.6	99.9
IV 500	32.6	88.7	93.7	95.4	96.8	97.1	97.8	98.2	98.2	99.1	99.1	99.3	99.7	99.7	100.0
IV 400	32.6	88.7	93.7	95.4	96.8	97.1	97.8	98.2	98.2	99.1	99.1	99.3	99.7	99.7	100.0
IV 300	32.6	88.7	93.7	95.4	96.8	97.1	97.8	98.2	98.2	99.1	99.1	99.3	99.7	99.7	100.0
IV 200	32.6	88.7	93.7	95.4	96.8	97.1	97.8	98.2	98.2	99.1	99.1	99.3	99.7	99.7	100.0
IV 100	32.6	88.7	93.7	95.4	96.8	97.1	97.8	98.2	98.2	99.1	99.1	99.3	99.7	99.7	100.0
IV 0	32.6	88.7	93.7	95.4	96.8	97.1	97.8	98.2	98.2	99.1	99.1	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1580

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 57-70  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	17.0	46.9	47.6	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 18000	25.3	64.6	66.0	66.2	66.3	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	25.7	65.0	66.4	66.5	66.8	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 14000	26.2	66.4	67.7	67.9	68.2	68.4	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 12000	27.1	69.9	70.9	71.1	71.3	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 10000	28.1	73.3	74.8	75.0	75.2	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 9000	28.3	74.1	75.6	75.8	76.1	76.3	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 8000	29.2	76.3	78.0	78.2	78.5	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000	29.9	78.0	79.6	79.9	80.1	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 6000	30.0	79.3	80.9	81.2	81.5	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 5000	30.2	79.9	81.7	82.0	82.2	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500	30.2	80.3	82.0	82.4	82.6	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4000	30.3	81.3	83.0	83.3	83.6	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	30.7	81.7	83.5	83.8	84.1	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3000	31.9	83.7	85.5	85.9	86.1	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2500	33.9	89.2	91.1	91.5	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	38.4	93.9	95.4	96.0	96.5	96.6	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	38.5	93.9	95.4	96.0	96.5	96.6	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	39.0	95.1	97.2	97.8	98.3	98.5	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	39.1	95.2	97.3	97.9	98.4	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	39.2	95.3	97.3	98.0	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	39.2	95.3	97.3	98.0	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	39.2	95.3	97.3	98.0	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	39.2	95.3	97.3	98.0	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	39.2	95.3	97.3	98.0	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	39.2	95.4	97.3	98.1	98.7	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	39.2	95.4	97.3	98.1	98.7	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	39.2	95.4	97.3	98.1	98.7	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	39.2	95.4	97.3	98.1	98.7	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	39.2	95.4	97.3	98.1	98.7	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	39.2	95.4	97.3	98.1	98.7	98.9	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-57-70  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	14.7	44.3	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000	24.3	64.8	65.8	65.3	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 18000	24.3	65.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 16000	24.7	65.3	66.3	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 14000	25.2	66.2	67.2	67.2	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 12000	26.2	68.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 10000	27.6	72.7	73.9	73.9	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	28.0	73.3	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 8000	28.7	75.8	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 7000	29.3	77.6	78.9	78.9	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 6000	29.5	78.9	79.9	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 5000	29.6	78.9	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 4500	29.7	79.2	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 4000	29.9	79.7	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 3500	30.7	80.8	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	31.8	83.0	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2500	33.9	89.0	90.4	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2000	38.8	94.2	95.8	95.9	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	39.0	94.8	96.4	96.5	96.8	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	39.3	95.8	97.3	97.6	98.0	98.0	98.4	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 1200	39.3	96.1	97.9	98.1	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 1000	39.3	96.1	98.0	98.2	98.8	98.8	99.2	99.4	99.4	99.3	99.3	99.3	99.3	99.6	99.6	99.6
IV 900	39.3	96.1	98.0	98.2	98.8	98.8	99.2	99.4	99.4	99.3	99.3	99.3	99.3	99.6	99.6	99.6
IV 800	39.3	96.1	98.0	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 700	39.3	96.1	98.0	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	39.3	96.1	98.0	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	39.3	96.1	98.0	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	39.3	96.1	98.0	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	39.3	96.1	98.0	98.3	98.9	98.9	99.4	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0
IV 200	39.3	96.1	98.0	98.3	98.9	98.9	99.4	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0
IV 100	39.3	96.1	98.0	98.3	98.9	98.9	99.4	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0
IV 0	39.3	96.1	98.0	98.3	98.9	98.9	99.4	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026 HOMESTEAD AFB FLORIDA

43-45, 57-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.7	43.8	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 20000	26.8	67.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 18000	26.9	68.1	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 16000	27.1	68.6	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 14000	28.0	70.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 12000	29.2	73.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 10000	30.9	77.7	78.7	78.9	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 9000	31.6	78.6	79.6	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 8000	32.4	80.8	81.7	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 7000	32.8	82.0	82.9	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 6000	33.0	83.4	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	33.0	83.9	85.2	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	33.1	84.4	85.8	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4000	33.2	84.9	86.2	86.5	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3500	33.6	85.6	87.0	87.2	87.3	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3000	34.3	87.3	88.8	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	37.3	91.7	93.2	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2000	38.8	94.8	96.6	96.8	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	38.9	95.1	97.0	97.2	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	39.0	95.4	97.2	97.3	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	39.0	95.7	97.6	97.9	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	39.0	95.7	97.6	98.0	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.3
IV 900	39.0	95.7	97.6	98.0	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.3
IV 800	39.0	95.7	97.6	98.0	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.4
IV 700	39.0	95.7	97.6	98.0	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.4
IV 600	39.0	95.7	97.6	98.0	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.4
IV 500	39.0	95.8	97.7	98.0	98.6	98.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.7
IV 400	39.0	95.8	97.7	98.0	98.6	98.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.9
IV 300	39.0	95.8	97.7	98.0	98.7	98.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.9
IV 200	39.0	95.8	97.7	98.0	98.7	98.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7	99.7	100.0
IV 100	39.0	95.8	97.7	98.0	98.7	98.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7	99.7	100.0
IV 0	39.0	95.8	97.7	98.0	98.7	98.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-45,57-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	15.5	45.6	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	29.3	70.8	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 18000	29.3	71.2	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 16000	29.3	71.2	71.9	72.3	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 14000	30.3	73.1	73.4	73.8	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 12000	31.6	76.0	76.3	76.7	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 10000	33.1	80.2	80.6	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 9000	33.6	81.4	81.8	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 8000	34.8	83.7	84.1	84.5	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 7000	35.2	85.8	86.1	86.7	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	35.4	87.2	87.5	88.0	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 5000	35.5	87.7	88.2	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	35.9	88.0	88.5	89.1	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4000	35.7	88.6	89.0	89.6	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3500	36.1	89.1	89.6	90.3	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	37.0	90.4	90.9	91.7	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2500	37.9	92.4	92.9	93.7	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	39.4	95.1	95.3	96.5	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	39.5	95.2	95.7	96.4	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	39.8	95.8	96.3	97.3	98.1	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	39.9	96.0	96.8	97.6	98.4	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	39.9	96.3	96.8	97.9	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	39.9	96.3	96.8	98.0	98.7	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	39.9	96.3	96.8	98.1	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 20-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

12826

HOMESTEAD AFB, FLORIDA

43-48, 57-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LT 5:1)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	23.4	61.1	61.4	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	33.0	78.2	78.9	79.7	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	33.1	78.4	79.0	79.8	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	33.1	78.4	79.1	79.9	80.2	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000	33.2	78.9	79.3	80.3	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	33.8	81.0	81.7	82.5	82.8	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	34.3	82.7	83.4	84.3	84.6	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	35.2	83.9	84.6	85.5	85.8	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	36.2	86.1	86.7	87.6	87.9	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	36.7	87.6	88.2	89.1	89.4	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	36.9	88.6	89.2	90.1	90.4	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	37.2	89.4	90.0	90.9	91.2	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	37.3	89.6	90.3	91.1	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4000	37.4	90.3	91.0	91.8	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	37.6	90.4	91.1	92.1	92.4	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	38.1	91.4	92.1	93.0	93.4	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	39.0	93.3	94.1	95.1	95.5	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	39.3	94.9	95.6	96.6	97.2	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	39.3	95.1	95.8	96.8	97.3	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	39.3	95.6	96.3	97.5	98.2	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	39.7	95.8	96.6	97.8	98.4	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	39.7	95.9	96.8	97.9	98.5	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	39.7	96.0	96.8	98.1	98.7	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	39.7	96.0	96.8	98.2	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-45, 56-70

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	≥¼	≥0
NO CEILING	29.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 20000	26.5	78.1	78.2	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 18000	26.8	78.3	78.7	79.1	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 16000	26.8	78.7	78.9	79.3	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 14000	38.3	80.6	80.8	81.2	81.4	81.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 12000	39.0	81.9	82.1	82.5	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	40.4	85.4	85.6	86.0	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 9000	40.7	86.1	86.2	86.6	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 8000	41.1	88.4	88.9	89.2	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 7000	41.1	90.2	90.8	91.2	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 6000	41.1	90.8	91.3	91.7	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 5000	41.4	91.8	92.2	92.6	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 4500	41.4	91.7	92.4	92.8	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 4000	41.5	92.1	92.8	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3500	41.6	92.1	92.8	93.2	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	42.1	92.9	93.7	94.2	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	42.8	94.0	94.9	95.3	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2000	43.3	96.1	97.0	97.4	97.7	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	43.4	96.8	97.7	98.2	98.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	43.3	97.3	98.2	98.7	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	43.5	97.3	98.2	98.9	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	43.5	97.3	98.3	98.9	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1578

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

18026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 50-70  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING ≥ 20000	27.5	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 18000	34.9	77.7	77.9	78.3	78.8	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 16000	35.1	77.9	78.1	78.5	79.0	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 14000	35.4	78.2	78.4	79.0	79.3	79.4	79.5	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0
IV 12000	36.6	79.8	80.0	80.7	80.9	81.0	81.1	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7
IV 10000	37.3	81.2	81.4	82.0	82.2	82.4	82.4	82.8	82.8	83.0	83.0	83.0	83.1	83.1	83.1
IV 9000	38.8	84.7	85.0	85.6	85.9	86.0	86.0	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7
IV 8000	39.1	85.4	85.7	86.4	86.6	86.7	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4
IV 7000	39.2	87.8	88.1	88.8	89.0	89.2	89.2	89.5	89.5	89.8	89.8	89.8	89.9	89.9	89.9
IV 6000	39.3	89.0	89.4	90.0	90.3	90.4	90.5	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1
IV 5000	39.4	89.3	89.9	90.6	90.9	91.0	91.1	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7
IV 4500	39.5	89.9	90.5	91.2	91.4	91.6	91.6	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3
IV 4000	39.6	90.2	90.7	91.4	91.7	91.8	91.9	92.2	92.3	92.5	92.5	92.5	92.6	92.6	92.6
IV 3500	39.6	90.4	91.0	91.7	91.9	92.1	92.1	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
IV 3000	39.7	90.6	91.2	91.9	92.1	92.3	92.3	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0
IV 2500	40.3	91.6	92.2	92.9	93.2	93.3	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0
IV 2000	41.2	93.3	94.4	95.1	95.4	95.5	95.6	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	41.9	95.7	96.6	97.3	97.7	97.8	97.9	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7
IV 1500	42.1	96.4	97.3	98.2	98.6	98.7	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7
IV 1200	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 1000	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 900	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 800	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 700	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 600	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 500	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 400	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 300	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 200	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 100	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0
IV 0	42.1	96.7	97.6	98.5	98.9	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1577

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826

HOMESTEAD AFB FLORIDA

43-45-56-70

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.9	46.9	47.8	40.1	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	29.7	68.8	70.2	70.7	70.9	71.2	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 18000	29.8	69.4	70.8	71.3	71.6	71.8	71.9	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000	30.4	70.1	71.6	72.1	72.3	72.6	72.7	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2
IV 14000	31.4	72.1	73.6	74.1	74.4	74.6	74.7	75.0	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4
IV 12000	32.2	73.5	75.0	75.6	75.8	76.1	76.2	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 10000	34.6	79.5	81.0	81.6	81.8	82.1	82.2	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000	35.0	80.4	81.9	82.5	82.8	83.0	83.1	83.4	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8
IV 8000	35.8	83.8	85.4	86.0	86.2	86.6	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3
IV 7000	36.0	85.4	86.9	87.6	87.8	88.1	88.2	88.6	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9
IV 6000	36.5	86.4	88.1	88.7	88.9	89.2	89.4	89.7	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0
IV 5000	36.7	87.1	88.7	89.4	89.7	90.0	90.1	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	36.9	87.6	89.2	89.9	90.2	90.5	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	36.9	87.6	89.2	90.0	90.2	90.5	90.7	91.0	91.0	91.2	91.2	91.2	91.2	91.3	91.3	91.3
IV 3500	36.9	87.8	89.5	90.2	90.4	90.7	90.9	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5
IV 3000	37.6	88.7	90.4	91.0	91.4	91.7	91.8	92.2	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5
IV 2500	39.1	91.3	93.2	93.8	94.2	94.5	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.5
IV 2000	40.6	94.0	96.0	96.8	97.1	97.5	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	40.7	94.2	96.2	97.0	97.3	97.7	98.1	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 1500	40.9	94.7	96.8	97.5	97.9	98.3	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 1200	40.9	94.8	96.8	97.6	97.9	98.3	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1000	40.9	95.0	97.1	97.8	98.2	98.6	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	40.9	95.0	97.1	97.8	98.2	98.6	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	40.9	95.0	97.1	97.9	98.3	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	40.9	95.0	97.1	97.9	98.3	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	40.9	95.0	97.1	97.9	98.3	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	40.9	95.0	97.1	97.9	98.4	98.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	40.9	95.0	97.1	97.9	98.4	98.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	40.9	95.0	97.1	97.9	98.4	98.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	40.9	95.0	97.1	97.9	98.4	98.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	40.9	95.0	97.1	97.9	98.4	98.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	40.9	95.0	97.1	97.9	98.4	98.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1607



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 STATION HOMESTEAD AFB FLORIDA

43-43, 56-70 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	26.1	59.8	59.8	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	26.7	60.4	60.4	60.5	60.5	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 16000	27.2	61.2	61.2	61.3	61.3	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000	28.7	64.0	64.1	64.1	64.1	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	30.1	67.1	67.2	67.2	67.2	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 10000	30.8	71.8	72.0	72.1	72.1	72.1	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 9000	31.3	73.2	73.3	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	32.0	76.0	76.2	76.4	76.4	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 7000	32.2	77.2	77.6	77.7	77.7	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 6000	32.3	77.7	78.4	78.4	78.4	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 5000	32.5	78.4	79.1	79.2	79.2	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500	32.5	78.9	79.5	79.6	79.6	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 4000	32.5	79.0	79.8	80.0	80.0	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3500	32.8	79.7	80.5	80.7	80.7	80.7	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3000	34.1	81.3	82.1	82.3	82.3	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2500	38.2	86.4	87.3	87.5	87.5	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	42.4	93.0	94.0	94.4	94.7	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	43.0	94.0	95.0	95.5	95.8	95.9	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	44.0	95.4	96.5	97.1	97.5	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	44.1	95.9	97.1	97.8	98.3	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	44.1	96.0	97.2	97.9	98.4	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	44.1	96.1	97.3	98.0	98.5	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	44.1	96.1	97.4	98.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1608



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

42-48-56-70

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	13.7	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
IV 20000	25.9	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000	26.8	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 16000	27.3	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 14000	28.2	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 12000	29.5	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 10000	30.5	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 9000	31.2	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 8000	32.0	72.1	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 7000	32.3	73.2	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 6000	32.6	74.0	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 5000	33.0	75.1	75.6	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4500	33.1	75.2	75.8	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 4000	33.1	75.7	76.3	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	33.4	76.2	76.9	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 3000	34.8	78.4	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 2500	38.3	84.3	85.2	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	41.0	90.7	92.1	92.7	93.2	93.3	93.6	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.2	94.2
IV 1800	41.4	91.6	93.0	93.7	94.2	94.3	94.7	94.7	94.7	94.9	95.0	95.1	95.1	95.1	95.3	95.3
IV 1500	42.3	93.7	95.3	96.1	96.6	96.8	97.2	97.3	97.3	97.3	97.6	97.7	97.8	97.8	97.9	97.9
IV 1200	42.3	93.9	95.7	96.6	97.2	97.6	97.8	97.9	97.9	98.1	98.4	98.4	98.6	98.6	98.8	98.8
IV 1000	42.3	94.1	96.0	96.8	97.3	97.7	98.1	98.3	98.3	98.4	98.8	98.8	99.0	99.1	99.2	99.2
IV 900	42.3	94.1	96.0	96.8	97.3	97.7	98.1	98.3	98.3	98.4	98.8	98.8	99.0	99.1	99.2	99.2
IV 800	42.3	94.1	96.0	96.8	97.3	97.7	98.1	98.3	98.3	98.4	98.8	98.8	99.0	99.1	99.2	99.2
IV 700	42.3	94.1	96.0	96.8	97.3	97.7	98.1	98.3	98.3	98.4	98.8	98.8	99.0	99.1	99.2	99.2
IV 600	42.3	94.1	96.0	96.8	97.3	97.7	98.1	98.3	98.3	98.4	98.8	98.8	99.0	99.1	99.2	99.2
IV 500	42.3	94.1	96.0	96.8	97.3	97.7	98.1	98.3	98.3	98.4	98.8	98.8	99.0	99.1	99.2	99.2
IV 400	42.3	94.1	96.0	97.0	97.6	97.8	98.3	98.6	98.6	98.8	99.1	99.4	99.6	99.6	99.9	99.9
IV 300	42.3	94.1	96.0	97.0	97.6	97.8	98.3	98.6	98.6	98.8	99.1	99.4	99.6	99.7	99.9	99.9
IV 200	42.3	94.1	96.0	97.0	97.6	97.8	98.3	98.6	98.6	98.8	99.1	99.4	99.6	99.7	99.9	99.9
IV 100	42.3	94.1	96.0	97.0	97.6	97.8	98.3	98.6	98.6	98.8	99.1	99.4	99.6	99.7	99.9	99.9
IV 0	42.3	94.1	96.0	97.0	97.6	97.8	98.3	98.6	98.6	98.8	99.1	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1608

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12926  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-56-70  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	12.9	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥20000	27.1	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 18000	27.9	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 16000	28.4	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 14000	30.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 12000	32.4	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 10000	34.3	72.2	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 9000	35.2	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 8000	35.8	76.7	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 7000	35.8	78.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 6000	36.5	80.2	80.6	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000	36.8	80.8	81.2	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4500	36.8	81.1	81.6	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000	37.0	81.6	82.2	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 3500	37.5	82.4	82.9	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 3000	38.9	83.9	84.5	85.1	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	40.9	87.8	88.4	89.0	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2000	42.8	92.5	93.2	94.2	95.0	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1800	43.0	92.8	94.0	94.8	95.7	95.7	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	43.2	93.7	94.9	96.0	97.1	97.1	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	43.2	94.0	95.2	96.5	97.5	97.5	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	43.3	94.3	95.6	96.8	97.9	97.9	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	43.3	94.3	95.6	96.9	97.9	97.9	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	43.3	94.3	95.6	96.9	98.0	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	43.3	94.3	95.6	97.0	98.1	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1607

USAF ETAC FORM 30 JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 STATION HOMESTEAD AFB FLORIDA

43-45,56-70 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.0	29.5	29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 20000	30.4	62.7	62.9	62.1	53.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	30.6	63.1	63.3	63.4	62.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	31.2	63.9	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	32.9	66.4	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	35.0	71.2	71.6	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	37.3	77.5	77.7	77.9	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	37.8	79.1	79.4	79.6	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	39.0	83.4	83.9	84.2	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	39.2	85.3	85.8	86.1	86.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	39.6	86.3	87.0	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	40.3	87.3	88.0	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	40.5	87.8	88.5	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	40.6	88.8	89.6	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	40.9	89.1	89.9	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	41.1	89.7	90.4	90.9	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	42.0	91.3	92.3	93.0	93.2	93.2	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	42.9	93.9	95.1	95.6	96.1	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	43.0	94.2	95.4	96.0	96.3	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	43.1	94.9	96.2	97.0	97.8	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	43.1	95.1	96.5	97.1	97.9	97.9	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	43.1	95.3	96.7	97.4	98.2	98.2	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826

HOMESTEAD AFB FLORIDA

43-65-50-70

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	24.2	54.2	54.2	54.3	54.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	35.6	73.2	73.6	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	35.8	73.7	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	36.2	74.1	74.2	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	37.2	75.7	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	39.1	79.2	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	40.4	83.2	83.3	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	40.7	84.6	84.7	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	41.7	88.2	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	42.0	90.4	90.8	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	42.1	90.8	91.1	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 5000	42.4	91.3	91.7	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	42.6	91.7	92.1	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	42.8	92.3	92.8	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	42.7	92.5	93.0	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	42.9	93.0	93.5	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	43.6	94.2	94.7	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	44.0	95.8	96.6	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	44.0	96.1	96.9	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	44.0	96.4	97.2	98.0	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	44.0	96.6	97.8	98.5	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	44.0	96.6	98.0	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	44.0	96.6	98.0	98.8	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	44.0	96.6	98.0	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	44.0	96.6	98.0	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	44.0	96.7	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	44.0	96.7	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	44.0	96.7	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	44.0	96.7	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	44.0	96.7	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	44.0	96.7	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	44.0	96.7	98.1	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1579

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-56-70  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	34.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 18000	41.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 16000	41.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 14000	41.8	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 12000	42.3	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 10000	42.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 9000	42.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 8000	42.5	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 7000	42.6	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 6000	42.7	96.6	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 5000	42.7	96.6	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4500	42.7	96.6	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4000	42.7	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3500	42.8	96.8	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3000	42.8	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500	43.3	97.8	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2000	43.4	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	43.4	98.7	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	43.5	99.0	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	43.7	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	43.7	99.2	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1580

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826

HOMESTEAD AFB FLORIDA

43-44-56-70

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	33.9	78.5	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 18000	38.4	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 16000	38.6	88.9	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 14000	39.7	90.2	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 12000	40.4	92.2	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 10000	40.6	94.2	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 9000	40.7	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 8000	40.7	94.9	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 7000	40.9	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 6000	40.9	95.4	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 5000	40.9	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4500	40.9	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4000	40.9	95.5	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 3500	40.9	95.5	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	41.2	95.8	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500	41.9	97.3	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 2000	42.1	98.9	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	42.1	98.9	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	42.2	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	42.2	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	42.2	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1580

USAF ETAC FORM 7-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-44, 56-70

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.3	64.9	65.6	65.8	65.9	65.9	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	35.6	83.9	84.7	84.5	84.9	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	36.1	84.4	85.2	85.3	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	36.3	84.8	85.6	85.8	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	38.3	87.2	88.2	88.3	88.4	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 12000	39.4	90.2	91.1	91.3	91.4	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 10000	39.7	92.3	93.4	93.5	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 9000	39.8	92.7	93.8	93.9	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	39.9	93.2	94.2	94.4	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000	39.9	93.3	94.6	94.7	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000	39.9	93.5	94.6	94.7	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	40.0	94.0	95.1	95.3	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	40.1	94.1	95.2	95.3	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	40.1	94.1	95.2	95.3	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	40.1	94.2	95.3	95.4	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	40.2	94.4	95.6	95.7	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	41.5	95.8	97.0	97.2	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	42.2	97.4	98.7	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	42.2	97.4	98.7	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	42.3	97.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	42.3	97.7	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1580



DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-56-70  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 20000	27.3	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 18000	27.6	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 16000	28.3	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 14000	29.9	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 12000	31.4	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 10000	31.9	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 9000	32.1	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 8000	32.4	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	32.8	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 6000	32.8	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000	33.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 4500	33.1	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	33.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3500	33.5	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3000	34.3	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 2500	40.0	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2000	42.8	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	43.0	97.8	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	43.1	98.2	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	43.2	98.3	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	43.2	98.3	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	43.2	98.3	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	43.2	98.4	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AFN WEATHER SERVICE/MAC

# CEILING'S VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44-56-70  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 20000	26.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	26.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	27.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	29.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	29.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	30.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	31.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000	31.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	31.5	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	31.8	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	32.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	32.1	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	32.2	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	32.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	32.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	37.5	90.8	91.1	91.3	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	40.4	93.2	96.2	96.5	96.6	96.6	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	40.7	93.7	96.7	97.0	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	41.2	96.6	97.7	98.1	98.4	98.5	98.9	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 1200	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	41.2	96.6	97.7	98.2	98.5	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-44-56-70

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.8	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 20000	30.2	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	30.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	31.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	33.1	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	34.7	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	35.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	36.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	36.3	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	36.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	36.9	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	37.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	37.2	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	37.2	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	37.6	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	38.1	90.3	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	40.6	94.5	94.6	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	42.2	97.0	97.7	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	42.4	97.2	97.9	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	42.6	97.6	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	42.6	97.7	98.6	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	42.6	97.8	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1579

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.2	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 2000	35.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1800	35.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 1600	35.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 1400	37.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 1200	39.3	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1000	40.2	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 900	40.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 800	40.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 700	41.1	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 600	41.2	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 500	41.5	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 400	41.5	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 300	41.6	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 200	41.7	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 100	41.9	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 0	42.4	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	42.9	97.5	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1600	43.0	97.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1400	43.0	97.8	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	43.0	97.9	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	43.0	98.0	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-44-56-70

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	29.9 39.2	67.4 86.5	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7	67.5 86.7
IV 18000 16000	39.7 39.7	87.0 87.1	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3	87.2 87.3
IV 14000 12000	40.7 41.6	89.2 90.8	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0
IV 10000 9000	42.0 42.1	92.8 93.5	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8	93.0 93.8
IV 8000 7000	42.1 42.2	93.8 94.3	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6	94.1 94.6
IV 6000 5000	42.3 42.3	94.4 94.8	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0	94.7 95.0
IV 4500 4000	42.3 42.3	94.8 94.9	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1
IV 3500 3000	42.5 42.6	95.2 95.6	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8
IV 2500 2000	43.3 43.6	96.6 98.0	97.0 98.6	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7	97.0 98.7
IV 1800 1500	43.7 43.8	98.2 98.5	98.7 99.4	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5	98.9 99.5
IV 1200 1000	43.8 43.8	98.8 98.8	99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 900 800	43.8 43.8	98.8 98.8	99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 700 600	43.8 43.8	98.8 98.8	99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 500 400	43.8 43.8	98.8 98.8	99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 300 200	43.8 43.8	98.8 98.8	99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 100 0	43.8 43.8	98.8 98.8	99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12546 HOMESTEAD AFB FLORIDA

43-45-56-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	31.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 18000	42.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 16000	42.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 14000	43.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 12000	44.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 10000	45.6	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 9000	45.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 8000	45.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 7000	45.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 6000	45.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 5000	45.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 4500	45.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 4000	45.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 3500	45.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 3000	46.1	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2500	46.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	46.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	46.9	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	46.9	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	46.9	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	46.9	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-56-70  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	33.4 41.9	76.1 90.4	76.3 90.6	76.3 90.6	76.3 90.6	76.3 90.6	76.4 90.7	76.4 90.7	76.4 90.7	76.4 90.7	76.4 90.7	76.4 90.7	76.4 90.7	76.4 90.7	76.4 90.7	76.4 90.7
IV 18000 16000	42.1 42.2	90.5 90.6	90.7 90.8	90.7 90.8	90.7 90.9	90.7 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9
IV 14000 12000	42.9 42.9	91.6 93.2	91.8 93.4	91.8 93.4	91.8 93.5	91.8 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5
IV 10000 9000	44.4 44.9	94.5 95.0	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3
IV 8000 7000	44.9 44.9	95.2 95.3	95.5 95.6	95.5 95.6	95.5 95.6	95.5 95.6	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7
IV 6000 5000	45.0 45.0	95.5 95.6	95.7 95.8	95.7 95.8	95.7 95.9	95.7 95.9	95.8 95.9	95.8 95.9	95.8 95.9	95.8 95.9	95.8 95.9	95.8 95.9	95.8 95.9	95.8 95.9	95.8 95.9	95.8 95.9
IV 4500 4000	45.0 45.0	95.6 95.7	95.8 95.9	95.8 95.9	95.9 96.0	95.9 96.0	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1
IV 3500 3000	45.0 45.2	95.8 95.9	96.0 96.2	96.0 96.2	96.1 96.2	96.1 96.2	96.1 96.3	96.1 96.3	96.1 96.3	96.1 96.3	96.1 96.3	96.1 96.3	96.1 96.3	96.1 96.3	96.1 96.3	96.1 96.3
IV 2500 2000	45.4 46.2	96.4 98.3	96.8 99.0	96.8 99.0	96.8 99.2	96.8 99.2	96.9 99.2	96.9 99.2	96.9 99.2	96.9 99.2	96.9 99.2	96.9 99.2	96.9 99.2	96.9 99.2	96.9 99.2	96.9 99.2
IV 1800 1500	46.2 46.2	98.4 98.6	99.2 99.3	99.3 99.6	99.4 99.7	99.4 99.7	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8
IV 1200 1000	46.2 46.2	98.6 98.6	99.3 99.3	99.6 99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 900 800	46.2 46.2	98.6 98.6	99.3 99.3	99.6 99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 700 600	46.2 46.2	98.7 98.7	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 500 400	46.2 46.2	98.7 98.7	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 300 200	46.2 46.2	98.7 98.7	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 0	46.2 46.2	98.7 98.7	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 1674

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12820  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-36-70  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	24.9	60.3	60.9	61.1	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 18000	39.1	85.0	85.6	85.8	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 16000	39.1	85.0	85.6	85.8	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 14000	40.5	86.7	87.3	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
IV 12000	41.9	88.4	90.0	90.8	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9
IV 10000	42.8	91.5	92.2	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 9000	42.9	91.7	92.4	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
IV 8000	43.1	92.8	93.4	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 7000	43.2	93.1	93.7	94.0	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 6000	43.2	93.3	94.0	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV 5000	43.2	93.3	94.0	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV 4500	43.2	93.4	94.0	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 4000	43.3	93.5	94.1	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
IV 3500	43.3	93.5	94.2	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 3000	43.3	93.7	94.4	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2500	44.3	94.9	95.6	95.9	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	45.6	97.7	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1800	45.6	97.7	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1500	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1000	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 900	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 800	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 700	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 600	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 500	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	45.6	97.9	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-43, 56-70  
YEARS

Y

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.6	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	32.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	32.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	33.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	34.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	35.7	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	36.9	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	36.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	37.1	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	37.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	37.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000	37.2	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	37.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	37.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	37.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	39.4	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	42.9	92.1	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	47.0	98.3	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	47.0	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	47.3	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.3	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1673



DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 STATION HOMESTEAD AFB FLORIDA

43-45, 56-70 YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 18000	31.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	31.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 14000	33.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 12000	34.2	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 10000	35.3	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	35.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	35.9	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 7000	35.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 6000	35.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 5000	36.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4500	36.2	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4000	36.4	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3500	36.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3000	39.0	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2500	42.4	92.1	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	44.9	97.0	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	45.3	97.4	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 0	45.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 1673

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12226  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45,56-70  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.3	35.6	35.6	25.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	31.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 18000	31.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 16000	31.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000	32.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 12000	29.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	36.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 9000	36.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 8000	37.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 7000	37.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	37.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 5000	37.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4500	38.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4000	38.2	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 3500	38.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	39.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	42.8	93.2	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	45.3	98.0	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	45.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	45.8	98.9	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	45.8	98.9	99.2	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	45.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.0	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 20000	35.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 18000	35.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 16000	36.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 14000	38.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 12000	39.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 10000	41.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 9000	41.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 8000	42.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 7000	42.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 6000	42.4	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 5000	42.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4500	42.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4000	42.5	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3500	42.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3000	43.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	44.1	95.0	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2000	45.6	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	45.9	98.4	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	46.0	98.6	99.2	99.3	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	46.0	98.6	99.2	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	46.0	98.7	99.3	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	46.0	98.7	99.3	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	46.0	98.7	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1670

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-56-70  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	24.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 20000	39.1	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 18000	39.2	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 16000	39.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 14000	40.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 12000	42.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 10000	43.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 9000	43.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 8000	43.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 7000	43.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 6000	43.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 5000	44.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 4500	44.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 4000	44.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3500	44.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3000	44.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2500	45.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	46.0	98.4	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	46.1	98.5	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	46.3	98.6	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	46.3	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1669

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12/26  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-56-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	29.1 27.2	65.9 82.1	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3	66.1 82.3
IV 18000 IV 16000	27.3 37.8	82.3 82.9	82.3 83.1	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2	82.6 83.2
IV 14000 IV 12000	29.8 41.0	84.9 87.0	85.2 87.5	85.2 87.5	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6	85.2 87.6
IV 10000 IV 9000	42.1 42.2	90.8 91.1	91.3 91.6	91.3 91.7	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8	91.4 91.8
IV 8000 IV 7000	42.9 43.0	93.0 93.6	93.3 94.2	93.6 94.2	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3	93.7 94.3
IV 6000 IV 5000	43.1 43.2	93.9 94.0	94.4 94.6	94.5 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7	94.6 94.7
IV 4500 IV 4000	43.2 43.2	94.0 94.5	94.6 95.1	94.7 95.1	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2	94.7 95.2
IV 3500 IV 3000	43.3 43.5	94.6 94.8	95.1 95.4	95.2 95.4	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5	95.3 95.5
IV 2500 IV 2000	44.1 44.6	95.8 97.3	96.4 98.2	96.5 98.3	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4	96.5 98.4
IV 1800 IV 1500	44.6 44.6	97.7 98.0	98.7 99.1	98.7 99.1	98.8 99.2	98.8 99.3	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4
IV 1200 IV 1000	44.6 44.6	98.1 98.1	99.2 99.2	99.2 99.3	99.4 99.6	99.4 99.6	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7
IV 900 IV 800	44.6 44.6	98.1 98.1	99.2 99.2	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 700 IV 600	44.6 44.6	98.1 98.1	99.2 99.2	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 500 IV 400	44.6 44.6	98.1 98.1	99.2 99.2	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 300 IV 200	44.6 44.6	98.1 98.1	99.2 99.2	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 100 IV 0	44.6 44.6	98.1 98.1	99.2 99.2	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS 1579

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

18826 HOMESTEAD AFB, FLORIDA

43-45256-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	28.5	67.5	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2
IV 20000	35.4	81.7	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
IV 18000	35.4	81.7	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
IV 16000	35.4	81.7	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
IV 14000	37.3	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 12000	38.7	86.4	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 10000	39.8	89.9	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 9000	40.0	90.2	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 8000	40.7	91.7	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000	40.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 6000	40.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 5000	40.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4500	40.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4000	40.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3500	40.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	41.0	92.8	92.7	92.7	92.9	92.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	41.7	94.1	95.0	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	42.5	96.7	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	42.5	96.8	97.9	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	42.5	97.1	98.3	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	42.6	97.3	98.3	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	42.6	97.3	98.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1577

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45,56-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	22.1	53.8	54.6	55.2	55.6	55.6	55.7	55.7	55.7	55.8	55.9	55.9	56.1	56.1	56.1	56.2
IV 18000	32.9	74.3	75.5	76.2	76.6	76.6	76.8	76.8	76.8	76.8	77.0	77.0	77.2	77.2	77.2	77.3
IV 16000	33.4	74.9	76.1	76.7	77.2	77.2	77.3	77.3	77.3	77.4	77.6	77.6	77.8	77.8	77.8	77.8
IV 14000	35.0	77.0	78.2	78.8	79.2	79.2	79.4	79.4	79.4	79.5	79.7	79.7	79.8	79.8	79.8	79.9
IV 12000	37.2	80.5	81.7	82.3	82.7	82.7	82.9	82.9	82.9	83.0	83.2	83.2	83.4	83.4	83.4	83.4
IV 10000	38.1	85.0	86.3	87.3	87.9	87.9	88.0	88.0	88.0	88.1	88.3	88.3	88.5	88.5	88.5	88.5
IV 9000	38.5	85.8	87.3	88.0	88.6	88.6	88.8	88.8	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.3
IV 8000	39.4	87.7	89.2	89.9	90.5	90.5	90.7	90.7	90.7	90.7	90.9	90.9	91.1	91.1	91.1	91.2
IV 7000	39.9	88.5	90.1	90.9	91.4	91.4	91.6	91.6	91.6	91.7	91.9	91.9	92.1	92.1	92.1	92.1
IV 6000	39.5	88.6	90.2	90.9	91.5	91.5	91.7	91.7	91.7	91.7	91.9	91.9	92.1	92.1	92.1	92.2
IV 5000	39.7	88.8	90.4	91.1	91.7	91.7	91.9	91.9	91.9	91.9	92.1	92.1	92.3	92.3	92.3	92.4
IV 4500	39.7	88.8	90.4	91.1	91.7	91.7	91.9	91.9	91.9	91.9	92.1	92.1	92.3	92.3	92.3	92.4
IV 4000	39.9	89.1	90.7	91.4	92.0	92.0	92.2	92.2	92.2	92.2	92.4	92.4	92.6	92.6	92.6	92.7
IV 3500	40.2	89.4	90.9	91.7	92.2	92.2	92.4	92.4	92.4	92.4	92.7	92.7	92.9	92.9	92.9	92.9
IV 3000	40.2	89.6	91.2	91.9	92.5	92.5	92.7	92.7	92.7	92.7	92.9	92.9	93.1	93.1	93.1	93.2
IV 2500	41.4	91.4	93.1	93.9	94.5	94.5	94.7	94.7	94.7	94.7	94.9	94.9	95.2	95.2	95.2	95.2
IV 2000	42.6	93.7	95.7	96.6	97.2	97.2	97.4	97.4	97.4	97.4	97.7	97.7	97.9	97.9	97.9	98.0
IV 1800	42.6	94.0	96.0	96.9	97.5	97.5	97.7	97.7	97.7	97.7	97.9	97.9	98.2	98.2	98.2	98.2
IV 1500	42.6	94.5	96.6	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.8	98.8	99.1	99.1	99.1	99.1
IV 1200	42.6	94.8	96.8	97.8	98.5	98.5	98.8	98.8	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4
IV 1000	42.6	94.8	96.8	97.8	98.4	98.4	98.7	98.8	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4
IV 900	42.6	94.8	96.8	97.8	98.4	98.4	98.7	98.8	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4
IV 800	42.6	94.8	96.8	97.8	98.4	98.4	98.7	98.8	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4
IV 700	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	98.9	99.2	99.2	99.4	99.4	99.5	99.6
IV 600	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	98.9	99.2	99.2	99.4	99.4	99.5	99.6
IV 500	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	99.1	99.2	99.2	99.5	99.5	99.6	99.6
IV 400	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	99.1	99.2	99.2	99.5	99.5	99.6	99.6
IV 300	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	99.1	99.2	99.2	99.5	99.5	99.6	99.6
IV 200	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	99.1	99.2	99.2	99.5	99.5	99.6	99.6
IV 100	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	99.2	99.4	99.4	99.6	99.7	99.9	100.0
IV 0	42.7	94.6	96.7	97.6	98.4	98.4	98.7	98.9	98.9	99.2	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1598



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

18826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-55-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥1"	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.8	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	29.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 18000	29.9	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 16000	30.5	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	31.9	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000	34.6	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 10000	35.9	81.0	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 9000	36.0	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	36.5	83.3	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 7000	36.5	84.0	84.5	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 6000	36.5	84.0	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 5000	36.6	84.4	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	36.8	85.6	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4000	37.1	85.0	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3500	37.6	85.9	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3000	37.6	85.9	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500	41.2	90.7	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	44.6	95.0	96.3	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	44.7	95.4	96.8	97.0	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1600	45.1	96.2	97.7	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1400	45.1	96.2	97.7	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 0	45.2	96.3	98.0	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 1609

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45-56-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	14.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	27.5	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 18000	28.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 16000	28.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 14000	30.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 12000	31.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 10000	33.2	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000	33.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 8000	33.7	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 7000	34.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	34.1	81.3	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 5000	34.2	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	34.3	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 4000	34.4	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3500	34.5	81.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3000	35.7	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500	38.8	88.8	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2000	44.6	94.7	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	44.8	95.0	96.6	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	45.1	95.6	97.3	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	45.1	95.7	97.6	97.9	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	45.1	95.8	97.8	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	45.1	95.8	97.8	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	45.1	95.8	97.8	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	45.1	95.8	97.8	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	45.1	95.8	97.8	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	45.1	95.8	97.8	98.1	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	45.1	95.8	97.8	98.1	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	45.1	95.8	97.9	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	45.1	95.8	97.9	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 100	45.1	95.8	97.9	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	45.1	95.8	97.9	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 1609

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43-45,56-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.2	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
IV 20000	28.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 18000	29.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 16000	30.1	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 14000	32.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 12000	34.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 10000	36.2	80.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 9000	36.5	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 8000	36.8	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 7000	37.2	85.2	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 6000	37.3	85.4	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 5000	37.4	85.5	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4500	37.4	85.6	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 4000	37.5	85.8	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3500	37.7	85.9	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3000	38.5	86.9	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500	40.7	90.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	43.5	94.6	95.9	96.0	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	43.8	95.2	96.4	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	44.1	95.8	97.2	97.4	97.9	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	44.1	96.3	97.7	97.9	98.5	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	44.1	96.3	97.7	97.9	98.6	98.8	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	44.1	96.3	97.7	97.9	98.6	98.8	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	44.1	96.3	97.7	97.9	98.6	98.8	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	44.1	96.3	97.7	97.9	98.6	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1593

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	15.2	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 20000	30.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	30.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 16000	21.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 14000	33.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 12000	35.5	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 10000	37.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 9000	38.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 8000	38.5	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 7000	39.2	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 6000	39.2	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 5000	39.3	89.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	39.3	89.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	39.3	89.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3500	39.6	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3000	40.1	90.9	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2500	40.4	91.6	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	42.1	95.3	96.6	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	42.2	95.3	97.0	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	42.3	96.3	97.8	98.3	98.3	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2
IV 1200	42.3	96.7	98.0	98.7	98.8	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5
IV 1000	42.3	96.8	98.1	98.8	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
IV 900	42.3	96.8	98.1	98.8	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
IV 800	42.3	96.8	98.1	98.8	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
IV 700	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
IV 600	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
IV 500	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
IV 400	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
IV 300	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
IV 200	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
IV 100	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
IV 0	42.3	96.8	98.1	98.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

18826 HOMESTEAD AFB FLORIDA

43-45, 56-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.4	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 20000	34.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 18000	35.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 16000	36.0	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 14000	37.7	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 12000	39.2	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000	41.7	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 9000	41.9	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 8000	42.2	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 7000	42.5	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 6000	42.5	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 5000	42.6	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 4500	42.6	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 4000	42.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3500	42.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3000	43.0	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	43.4	94.2	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	44.6	96.8	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	44.6	96.8	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	44.7	96.9	98.4	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	44.7	97.2	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1575

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43,45,56,70

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	27.0	63.0	63.4	63.5	62.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	33.6	76.2	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 18000	33.6	76.2	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 16000	33.8	76.5	77.0	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 14000	34.7	77.8	78.4	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 12000	35.5	80.1	80.6	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 10000	36.3	83.7	84.4	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 9000	36.7	84.8	85.5	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 8000	37.3	87.4	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 7000	37.6	88.8	89.7	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 6000	37.7	89.3	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 5000	37.8	90.3	91.3	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4500	38.0	90.8	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4000	38.1	91.2	92.2	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500	38.4	91.7	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	38.6	92.1	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2500	39.3	93.5	94.7	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2000	40.2	96.0	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	40.4	96.2	97.6	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	40.4	96.5	98.1	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	40.4	96.6	98.4	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026 STATION HOMESTEAD AFB FLORIDA

42,45,56,75 YEARS

DCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0200-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.8	62.6	64.5	64.6	65.0	65.0	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5
IV 20000	31.7	74.7	76.9	77.1	77.4	77.4	77.7	77.9	77.9	77.9	77.9	78.0	78.1	78.1	78.1	78.1
IV 18000	31.7	74.7	76.9	77.1	77.4	77.4	77.7	77.9	77.9	77.9	77.9	78.0	78.1	78.1	78.1	78.1
IV 16000	31.7	74.8	77.2	77.4	77.7	77.7	78.0	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
IV 14000	32.5	75.9	78.4	78.6	78.9	78.9	79.2	79.3	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5
IV 12000	33.5	76.6	81.5	81.5	81.8	81.8	82.1	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4
IV 10000	34.7	81.6	84.5	84.5	84.8	84.8	85.1	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.5	85.5
IV 9000	25.0	82.5	85.3	85.5	85.8	85.8	86.1	86.2	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5
IV 8000	35.5	84.9	87.7	88.0	88.3	88.3	88.6	88.7	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9
IV 7000	35.8	86.1	88.9	89.2	89.5	89.5	89.8	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1
IV 6000	35.8	86.2	89.3	89.6	89.9	89.9	90.2	90.4	90.4	90.4	90.4	90.5	90.6	90.6	90.6	90.6
IV 5000	36.1	87.2	90.3	90.6	90.9	90.9	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6
IV 4500	36.1	87.3	90.4	90.7	91.0	91.0	91.3	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7
IV 4000	36.3	88.2	91.3	91.5	91.8	91.8	92.2	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5
IV 3500	36.4	88.4	91.5	91.8	92.1	92.1	92.4	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8
IV 3000	36.6	89.2	92.6	92.9	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9
IV 2500	37.1	90.3	93.8	94.2	94.5	94.5	94.8	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2
IV 2000	37.9	92.0	96.0	96.5	96.8	96.8	97.2	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6
IV 1800	37.9	92.4	96.5	97.0	97.3	97.3	97.7	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1
IV 1500	38.0	92.5	96.8	97.5	98.0	98.0	98.4	98.6	98.6	98.6	98.7	98.8	98.9	98.9	98.9	98.9
IV 1200	38.0	92.7	97.0	97.8	98.2	98.2	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2
IV 1000	38.0	92.7	97.0	97.8	98.3	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 900	38.0	92.8	97.2	98.0	98.4	98.4	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4
IV 800	38.0	92.8	97.2	98.0	98.4	98.4	98.8	99.2	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.6
IV 700	38.0	92.9	97.3	98.1	98.5	98.5	99.0	99.3	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7
IV 600	38.0	92.9	97.3	98.1	98.5	98.5	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
IV 500	38.0	92.9	97.3	98.1	98.5	98.5	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
IV 400	38.0	92.9	97.3	98.1	98.5	98.5	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	38.0	93.0	97.3	98.2	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8
IV 200	38.0	93.0	97.3	98.2	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9
IV 100	38.0	93.0	97.3	98.2	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.7	99.8	99.9	100.0	100.0
IV 0	38.0	93.0	97.3	98.2	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

42,43,56,70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	19.8 27.2	50.7 64.6	54.4 68.7	55.3 69.8	56.1 70.9	56.3 71.1	56.6 71.6	56.8 71.8	56.8 71.9	57.0 72.1	57.0 72.1	57.0 72.1	57.0 72.1	57.0 72.1	57.0 72.1	57.0 72.2
IV 18000 16000	27.3 27.4	64.7 64.8	68.8 68.9	69.9 70.1	71.0 71.1	71.3 71.4	71.7 71.8	72.0 72.1	72.0 72.2	72.2 72.3	72.2 72.3	72.2 72.3	72.2 72.3	72.2 72.3	72.2 72.3	72.3 72.4
IV 14000 12000	28.2 29.6	65.8 69.2	70.0 73.5	71.1 74.6	72.2 75.7	72.5 75.9	72.9 76.4	73.2 76.6	73.2 76.7	73.4 77.0	73.4 77.0	73.4 77.0	73.4 77.0	73.4 77.0	73.5 77.1	73.5 77.1
IV 10000 9000	30.3 30.6	73.0 74.1	77.2 78.9	78.6 80.1	79.7 81.2	79.9 81.5	80.4 81.7	80.6 82.2	80.7 82.2	80.9 82.5	80.9 82.5	80.9 82.5	80.9 82.5	80.9 82.5	81.1 82.6	81.1 82.6
IV 8000 7000	31.0 31.4	77.2 78.9	82.0 83.7	83.4 85.1	84.4 86.3	84.7 86.5	85.1 87.0	85.4 87.2	85.4 87.3	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.8 87.7	85.8 87.7
IV 6000 5000	32.0 32.2	79.7 80.6	84.7 85.0	86.1 87.0	87.2 88.1	87.5 88.4	87.9 88.8	88.2 89.1	88.2 89.1	88.5 89.4	88.5 89.4	88.5 89.4	88.5 89.4	88.5 89.4	88.6 89.5	88.6 89.5
IV 4500 4000	32.5 32.7	80.9 81.5	85.9 86.6	87.3 88.0	88.4 89.2	88.7 89.5	89.1 89.9	89.4 90.2	89.4 90.2	89.7 90.5	89.7 90.5	89.7 90.5	89.7 90.5	89.7 90.5	89.8 90.6	89.8 90.6
IV 3500 3000	32.7 33.2	81.5 83.0	86.6 88.3	88.0 89.7	89.2 90.9	89.5 91.2	89.9 91.6	90.6 92.0	90.6 92.0	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	91.1 92.4	91.1 92.4
IV 2500 2000	34.2 34.7	84.4 85.8	89.7 91.6	91.1 93.3	92.4 94.7	92.7 94.9	93.1 95.4	93.4 95.8	93.5 95.8	93.7 96.1	93.7 96.1	93.7 96.1	93.7 96.1	93.7 96.1	93.9 96.2	93.9 96.2
IV 1800 1500	34.8 34.9	86.3 86.6	92.1 92.3	93.7 94.2	95.1 95.7	95.4 95.9	95.9 96.6	96.3 97.0	96.4 97.1	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.8 97.5	96.8 97.5
IV 1200 1000	35.1 35.3	87.1 87.2	93.2 93.4	94.8 95.0	96.3 96.5	96.6 96.8	97.2 97.3	97.8 98.1	97.9 98.2	98.2 98.5	98.2 98.5	98.2 98.5	98.2 98.5	98.2 98.5	98.3 98.6	98.3 98.6
IV 900 800	35.3 35.3	87.5 87.5	93.7 93.7	95.4 95.4	97.0 97.0	97.3 97.3	98.0 98.0	98.6 98.6	98.7 98.7	98.9 99.0	98.9 99.0	98.9 99.0	98.9 99.0	98.9 99.0	99.1 99.1	99.1 99.1
IV 700 600	35.3 35.3	87.5 87.6	93.7 94.0	95.4 95.8	97.0 97.4	97.3 97.7	98.0 98.4	98.6 99.0	98.7 99.1	98.9 99.4	98.9 99.4	98.9 99.4	98.9 99.4	98.9 99.4	99.1 99.5	99.1 99.5
IV 500 400	35.3 35.3	87.7 87.7	94.1 94.1	95.9 95.9	97.5 97.5	97.8 97.8	98.6 98.7	99.2 99.2	99.3 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7
IV 300 200	35.3 35.3	87.7 87.7	94.2 94.2	95.9 95.9	97.6 97.6	97.9 97.9	98.7 98.8	99.4 99.4	99.5 99.6	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.9 100.0	99.9 100.0
IV 100 0	35.3 35.3	87.7 87.7	94.2 94.2	95.9 95.9	97.6 97.6	97.9 97.9	98.8 98.8	99.4 99.4	99.6 99.6	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1280

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 STATION HOMESTEAD AFB FLORIDA

43,43,56,70

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING ≥ 2000'	20.2	48.0	48.8	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 1800	29.8	66.6	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 1600	30.0	67.0	67.8	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 1400	31.2	68.1	68.9	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 1200	33.3	73.4	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 1000	34.2	78.1	79.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 900	34.3	78.9	79.9	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 800	35.1	82.6	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 700	35.7	84.2	85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 600	35.8	85.1	86.5	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 500	35.9	85.6	87.0	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 450	36.0	85.8	87.2	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 400	36.2	86.3	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 350	36.2	86.3	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 300	37.0	87.5	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 250	39.0	90.4	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 200	40.7	93.7	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 180	40.8	94.1	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 150	40.9	94.6	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 120	41.0	94.9	96.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	41.0	95.2	97.1	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 90	41.0	95.3	97.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 80	41.0	95.4	97.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 70	41.0	95.4	97.3	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 60	41.0	95.4	97.3	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	41.0	95.4	97.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	41.0	95.4	97.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	41.0	95.4	97.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	41.0	95.4	97.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	41.0	95.4	97.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	41.0	95.4	97.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AFM WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43,45,56,70

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	17.1	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 18000	28.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 16000	28.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 14000	29.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 12000	31.2	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 10000	32.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 9000	32.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 8000	33.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	34.1	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	34.2	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000	34.2	84.4	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	34.3	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4000	34.3	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3500	34.8	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3000	35.5	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2500	37.7	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2000	40.7	94.8	95.4	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	40.8	95.3	96.0	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1500	41.1	96.2	97.2	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	41.1	96.4	97.3	98.0	98.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	41.1	96.5	97.4	98.0	98.4	98.5	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	41.1	96.5	97.5	98.2	98.5	98.7	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	41.1	96.5	97.5	98.2	98.5	98.7	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	41.1	96.5	97.5	98.2	98.5	98.7	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	41.1	96.5	97.5	98.2	98.7	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	41.1	96.5	97.5	98.2	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	41.1	96.5	97.5	98.2	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	41.1	96.5	97.5	98.2	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	41.1	96.5	97.5	98.2	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	41.1	96.5	97.5	98.2	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	41.1	96.5	97.5	98.2	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1581

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,45,56,70  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	15.7	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	27.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 18000	27.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	27.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 14000	28.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	31.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 10000	33.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	33.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 8000	34.9	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	35.2	85.2	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	35.3	86.1	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	35.5	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4500	35.6	87.0	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	36.0	87.7	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3500	36.3	88.3	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	36.7	89.0	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	38.6	91.9	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	40.9	95.6	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	41.0	95.8	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	41.0	96.1	96.8	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	41.0	96.2	97.0	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	41.0	96.2	97.0	97.7	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	41.0	96.2	97.1	97.7	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	41.0	96.2	97.2	97.8	98.2	98.2	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9
IV 700	41.0	96.2	97.2	97.8	98.3	98.4	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1
≥ 600	41.0	96.2	97.2	97.8	98.3	98.4	98.8	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2
IV 500	41.0	96.2	97.2	97.8	98.3	98.4	98.8	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.6
≥ 400	41.0	96.2	97.2	97.8	98.3	98.4	98.8	98.8	98.9	99.1	99.2	99.6	99.6	99.6	99.6
IV 300	41.0	96.2	97.3	97.9	98.4	98.4	98.9	99.1	99.1	99.3	99.6	99.6	99.7	99.9	99.9
≥ 200	41.0	96.2	97.3	97.9	98.4	98.4	98.9	99.1	99.1	99.3	99.6	99.6	99.7	99.9	99.9
IV 100	41.0	96.2	97.3	97.9	98.4	98.4	98.9	99.1	99.1	99.3	99.6	99.6	99.7	99.9	99.9
≥ 0	41.0	96.2	97.3	97.9	98.4	98.4	98.9	99.1	99.1	99.3	99.6	99.6	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,45,56,70  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	18.9	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	28.5	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	28.5	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	28.5	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	29.4	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	31.5	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	33.7	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	34.1	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	34.8	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	35.0	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	35.4	87.3	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	35.9	87.9	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	36.1	88.2	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	36.1	88.7	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	36.3	89.1	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	36.3	89.5	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	38.1	91.8	92.7	92.8	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	39.6	95.3	96.7	96.9	97.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	39.7	95.4	96.9	97.1	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	39.8	95.9	97.7	97.9	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	39.8	96.0	97.8	98.1	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 450	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 350	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 250	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 150	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	39.8	96.1	98.0	98.2	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

42,45,55,70

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	25.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	32.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	32.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	32.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	33.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	34.7	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	36.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	36.2	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	36.6	85.9	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	36.9	87.4	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	37.5	88.4	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	37.7	89.0	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	38.0	89.6	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	38.1	90.1	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	38.1	90.5	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	38.4	91.3	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	39.3	93.3	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	40.4	96.1	97.5	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	40.4	96.1	97.7	97.9	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	40.4	96.3	98.1	98.3	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	40.4	96.6	98.2	98.4	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	40.4	96.6	98.3	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	40.4	96.6	98.3	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	40.4	96.6	98.3	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	40.4	96.6	98.3	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	40.4	96.6	98.4	98.5	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	40.4	96.6	98.4	98.5	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	40.4	96.6	98.4	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	40.4	96.6	98.4	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	40.4	96.6	98.4	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	40.4	96.6	98.4	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	40.4	96.6	98.4	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 STATION HOMESTEAD AFB FLORIDA

43,45,56-70 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	27.9	73.8	74.1	74.1	74.6	74.6	75.0	75.5	75.5	75.9	76.1	76.1	76.2	76.2	76.4	76.8
IV 20000	30.4	78.8	79.4	79.4	79.9	79.9	80.3	80.9	80.9	81.2	81.4	81.4	81.6	81.6	81.7	82.1
IV 18000	30.4	78.8	79.4	79.4	79.9	79.9	80.3	80.9	80.9	81.2	81.4	81.4	81.6	81.6	81.7	82.1
IV 16000	30.7	79.0	79.6	79.6	80.1	80.1	80.5	81.1	81.1	81.4	81.6	81.6	81.8	81.8	81.9	82.4
IV 14000	30.7	79.3	79.9	79.9	80.5	80.5	80.9	81.4	81.4	81.8	82.0	82.0	82.1	82.1	82.3	82.7
IV 12000	31.1	80.3	81.0	81.0	81.5	81.5	81.9	82.5	82.5	82.8	83.0	83.0	83.2	83.2	83.3	83.8
IV 10000	31.7	81.9	82.5	82.5	83.0	83.0	83.4	84.0	84.0	84.3	84.5	84.5	84.7	84.7	84.8	85.3
IV 9000	32.0	82.5	83.1	83.1	83.6	83.6	84.1	84.6	84.6	84.9	85.2	85.2	85.3	85.3	85.4	85.9
IV 8000	32.2	83.4	84.1	84.1	84.7	84.7	85.1	85.6	85.6	86.0	86.2	86.2	86.3	86.3	86.5	86.9
IV 7000	32.4	84.7	85.4	85.4	86.0	86.0	86.4	86.9	86.9	87.3	87.5	87.5	87.6	87.6	87.8	88.2
IV 6000	32.9	86.8	87.5	87.5	88.0	88.0	88.5	89.0	89.0	89.3	89.6	89.6	89.7	89.7	89.8	90.3
IV 5000	33.7	88.6	89.3	89.3	89.8	89.8	90.2	90.8	90.8	91.1	91.3	91.3	91.5	91.5	91.6	92.1
IV 4500	34.1	89.6	90.3	90.3	90.9	90.9	91.3	91.8	91.8	92.2	92.4	92.4	92.5	92.5	92.6	93.1
IV 4000	34.3	90.4	91.1	91.1	91.7	91.7	92.1	92.6	92.6	93.0	93.2	93.2	93.3	93.3	93.5	94.0
IV 3500	34.8	91.6	92.3	92.3	92.9	92.9	93.3	93.9	93.9	94.2	94.4	94.4	94.6	94.6	94.7	95.2
IV 3000	34.9	92.7	93.5	93.5	94.2	94.2	94.6	95.2	95.2	95.5	95.7	95.7	95.9	95.9	96.0	96.5
IV 2500	35.3	93.7	94.7	94.7	95.5	95.5	95.9	96.4	96.4	96.8	97.0	97.0	97.1	97.1	97.3	97.7
IV 2000	35.5	94.2	95.3	95.3	96.2	96.2	96.6	97.1	97.1	97.5	97.7	97.7	97.8	97.8	97.9	98.4
IV 1800	35.5	94.3	95.6	95.6	96.2	96.2	96.6	97.2	97.2	97.5	97.7	97.7	97.9	97.9	98.0	98.5
IV 1500	35.5	94.3	95.6	95.6	96.2	96.2	96.6	97.2	97.2	97.5	97.7	97.7	97.9	97.9	98.0	98.5
IV 1200	35.6	94.6	95.7	95.7	96.3	96.3	96.9	97.3	97.3	97.6	97.8	97.8	98.0	98.0	98.1	98.6
IV 1000	35.7	94.8	96.0	96.0	96.2	96.2	96.9	97.3	97.3	97.6	97.8	97.8	98.0	98.0	98.1	98.6
IV 900	35.7	94.9	96.2	96.2	96.3	96.3	97.2	97.6	97.6	98.1	98.3	98.3	98.4	98.4	98.5	99.0
IV 800	35.7	95.1	96.3	96.3	96.4	96.4	97.3	97.7	97.7	98.3	98.5	98.5	98.6	98.6	98.7	99.2
IV 700	35.7	95.1	96.4	96.4	96.5	96.5	97.4	97.8	97.8	98.4	98.6	98.6	98.7	98.7	98.8	99.3
IV 600	35.7	95.1	96.4	96.4	96.5	96.5	97.4	97.8	97.8	98.4	98.6	98.6	98.7	98.7	98.8	99.3
IV 500	35.7	95.1	96.4	96.4	96.5	96.5	97.4	97.8	97.8	98.4	98.6	98.6	98.7	98.7	98.8	99.3
IV 400	35.7	95.1	96.4	96.4	96.5	96.5	97.4	97.8	97.8	98.4	98.6	98.6	98.7	98.7	98.8	99.3
IV 300	35.7	95.2	96.4	96.4	96.6	96.6	97.5	97.9	97.9	98.5	98.7	98.7	98.8	98.8	98.9	99.4
IV 200	35.7	95.2	96.4	96.4	96.6	96.6	97.5	97.9	97.9	98.5	98.7	98.7	98.8	98.8	98.9	99.4
IV 100	35.7	95.2	96.4	96.4	96.6	96.6	97.5	97.9	97.9	98.5	98.7	98.7	98.8	98.8	98.9	99.4
IV 0	35.7	95.2	96.4	96.4	96.6	96.6	97.5	97.9	97.9	98.5	98.7	98.7	98.8	98.8	98.9	99.4

TOTAL NUMBER OF OBSERVATIONS 1455

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

42,45,56-70  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	25.7	69.3	70.1	71.0	71.8	72.2	72.6	72.6	72.7	73.1	73.5	73.5	73.9	74.1	74.4	75.2
≥ 20000	28.2	74.4	75.4	76.3	77.2	77.6	77.9	78.0	78.1	78.3	78.5	78.8	79.0	79.3	79.6	80.8
≥ 18000	28.2	74.4	75.4	76.3	77.2	77.6	77.9	78.0	78.1	78.3	78.5	78.8	79.0	79.3	79.6	80.8
≥ 16000	28.4	74.6	75.6	76.5	77.4	77.8	78.1	78.2	78.3	78.7	79.0	79.2	79.5	79.8	80.1	81.0
≥ 14000	28.4	74.9	75.9	76.8	77.6	78.1	78.4	78.5	78.5	79.0	79.3	79.4	79.8	80.1	80.4	81.2
≥ 12000	28.6	75.9	76.9	77.9	78.7	79.1	79.4	79.5	79.6	80.0	80.3	80.5	80.8	81.1	81.4	82.3
≥ 10000	29.4	78.1	79.0	80.0	80.8	81.2	81.6	81.6	81.7	82.1	82.5	82.6	82.9	83.2	83.6	84.5
≥ 9000	29.3	78.3	79.3	80.3	81.1	81.5	81.8	81.9	82.0	82.4	82.7	82.9	83.2	83.5	83.8	84.7
≥ 8000	29.8	79.4	80.4	81.4	82.3	82.7	83.0	83.1	83.1	83.6	83.9	84.0	84.4	84.7	85.0	85.9
≥ 7000	29.8	80.7	81.8	82.9	83.7	84.1	84.5	84.5	84.6	85.0	85.4	85.5	85.8	86.1	86.5	87.3
≥ 6000	30.1	82.3	83.4	84.4	85.2	85.6	86.0	86.0	86.1	86.5	86.9	87.0	87.3	87.6	88.0	88.9
≥ 5000	30.5	83.5	84.6	85.6	86.5	86.9	87.2	87.3	87.3	87.8	88.1	88.2	88.6	88.9	89.2	90.1
≥ 4500	31.1	85.1	86.2	87.2	88.0	88.4	88.8	88.9	88.9	89.3	89.7	89.8	90.2	90.4	90.8	91.7
≥ 4000	31.4	86.0	87.1	88.2	89.0	89.4	89.8	89.8	89.9	90.3	90.6	90.8	91.1	91.4	91.7	92.6
≥ 3500	31.7	87.1	88.2	89.3	90.1	90.5	90.9	90.9	91.0	91.4	91.7	91.9	92.2	92.5	92.8	93.7
≥ 3000	32.3	88.0	89.1	90.1	90.9	91.3	91.7	91.7	91.8	92.2	92.6	92.7	93.1	93.3	93.7	94.6
≥ 2500	33.1	89.0	90.2	91.3	92.2	92.6	93.0	93.1	93.1	93.5	93.9	94.0	94.4	94.6	95.0	95.9
≥ 2000	33.3	90.0	91.2	92.4	93.4	93.8	94.2	94.3	94.4	94.8	95.1	95.2	95.6	95.9	96.2	97.1
≥ 1800	33.2	90.0	91.2	92.4	93.4	93.8	94.2	94.3	94.4	94.8	95.2	95.3	95.7	95.9	96.3	97.2
≥ 1500	33.2	90.0	91.2	92.4	93.4	93.8	94.2	94.3	94.4	94.8	95.2	95.3	95.7	95.9	96.3	97.2
≥ 1200	33.3	90.2	91.4	92.6	93.6	94.0	94.4	94.5	94.6	95.0	95.4	95.5	95.9	96.1	96.5	97.4
≥ 1000	33.3	90.6	91.7	92.8	93.8	94.2	94.6	94.7	94.8	95.2	95.6	95.7	96.1	96.3	96.7	97.9
≥ 900	33.5	90.6	91.7	92.8	93.8	94.2	94.6	94.7	94.8	95.2	95.6	95.7	96.1	96.3	96.7	97.9
≥ 800	33.5	90.6	91.7	92.8	93.8	94.2	94.6	94.7	94.8	95.2	95.6	95.7	96.1	96.3	96.7	97.9
≥ 700	33.5	90.7	92.1	93.5	94.5	94.9	95.3	95.3	95.6	96.1	96.4	96.6	96.9	97.2	97.5	98.5
≥ 600	33.5	91.1	92.5	93.9	95.0	95.4	95.9	96.0	96.1	96.6	96.9	97.0	97.6	97.7	98.0	99.0
≥ 500	33.5	91.1	92.6	94.0	95.2	95.6	96.1	96.3	96.4	96.8	97.2	97.4	97.7	98.1	98.4	99.4
≥ 400	33.5	91.3	92.8	94.3	95.5	95.9	96.4	96.6	96.6	97.1	97.5	97.7	98.0	98.3	98.7	99.7
≥ 300	33.5	91.3	92.8	94.4	95.5	95.9	96.6	96.7	96.8	97.3	97.7	97.9	98.2	98.6	98.9	99.9
≥ 200	33.5	91.3	92.8	94.4	95.6	96.0	96.6	96.8	96.8	97.4	97.8	97.9	98.3	98.7	99.0	100.0
≥ 100	33.5	91.3	92.8	94.4	95.6	96.0	96.6	96.8	96.8	97.4	97.8	97.9	98.3	98.7	99.0	100.0
≥ 0	33.5	91.3	92.8	94.4	95.6	96.0	96.6	96.8	96.8	97.4	97.8	97.9	98.3	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1454

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,45,56,70  
YEARS

NDV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	21.9	57.6	61.6	63.8	65.2	65.5	66.1	66.5	66.7	67.1	67.6	67.7	68.2	68.2	68.5	68.8
IV 18000	24.1	64.1	68.2	70.8	72.2	72.4	73.1	73.4	73.7	74.1	74.6	74.7	75.3	75.3	75.5	75.9
IV 16000	24.3	64.4	68.5	71.1	72.4	72.7	73.3	73.7	74.0	74.4	74.8	75.0	75.3	75.3	75.8	76.2
IV 14000	24.3	64.6	68.7	71.3	72.6	72.9	73.5	73.9	74.2	74.6	75.1	75.2	75.7	75.7	76.0	76.4
IV 12000	24.8	65.9	70.0	72.6	74.0	74.2	74.8	75.2	75.5	75.9	76.4	76.5	77.0	77.0	77.3	77.7
IV 10000	25.2	68.1	72.2	74.8	76.2	76.5	77.1	77.5	77.7	78.1	78.6	78.8	79.3	79.3	79.6	80.0
IV 9000	25.5	68.9	73.1	75.7	77.0	77.4	78.0	78.4	78.6	79.0	79.5	79.7	80.2	80.2	80.5	80.9
IV 8000	25.9	70.7	75.0	77.5	78.9	79.2	79.9	80.2	80.5	80.9	81.4	81.5	82.1	82.1	82.3	82.7
IV 7000	26.0	72.1	76.4	79.0	80.3	80.7	81.3	81.6	81.9	82.3	82.8	83.0	83.5	83.5	83.8	84.2
IV 6000	26.1	73.5	77.8	80.4	81.8	82.1	82.7	83.1	83.4	83.8	84.3	84.4	84.9	84.9	85.2	85.6
IV 5000	26.5	75.3	79.5	82.1	83.5	83.8	84.5	84.8	85.1	85.5	86.0	86.1	86.7	86.7	87.0	87.4
IV 4500	26.7	76.0	80.3	82.9	84.3	84.6	85.2	85.6	85.8	86.3	86.7	86.9	87.4	87.4	87.8	88.2
IV 4000	27.1	77.5	81.9	84.5	85.9	86.3	86.9	87.2	87.5	87.9	88.4	88.5	89.1	89.1	89.4	89.8
IV 3500	27.3	78.4	83.0	85.6	87.0	87.4	88.0	88.3	88.6	89.0	89.5	89.6	90.2	90.2	90.5	90.9
IV 3000	27.8	79.4	84.0	86.6	88.0	88.3	89.1	89.4	89.7	90.1	90.7	90.8	91.3	91.3	91.7	92.1
IV 2500	28.4	80.5	85.2	87.9	89.3	89.7	90.4	90.8	91.1	91.5	92.0	92.2	92.7	92.7	93.1	93.5
IV 2000	29.0	81.6	86.3	89.1	90.5	90.9	91.7	92.0	92.3	92.7	93.3	93.4	94.0	94.0	94.3	94.8
IV 1800	29.1	81.8	86.5	89.2	90.7	91.0	91.9	92.2	92.5	92.9	93.5	93.6	94.2	94.2	94.5	95.0
IV 1500	29.2	82.3	87.0	89.8	91.2	91.5	92.4	92.8	93.1	93.5	94.0	94.2	94.7	94.7	95.1	95.5
IV 1200	29.3	82.7	87.4	90.2	91.6	92.0	92.9	93.2	93.5	93.9	94.4	94.6	95.1	95.1	95.5	95.9
IV 1000	29.6	83.1	87.8	90.7	92.2	92.5	93.4	93.7	94.0	94.4	95.0	95.1	95.7	95.7	96.0	96.5
IV 900	29.6	83.2	87.8	90.8	92.2	92.6	93.5	93.8	94.1	94.5	95.1	95.2	95.7	95.7	96.1	96.6
IV 800	29.6	83.4	88.0	91.0	92.4	92.8	93.7	94.0	94.3	94.7	95.3	95.4	95.9	95.9	96.3	96.8
IV 700	29.6	83.4	88.2	91.3	92.9	93.2	94.1	94.4	94.7	95.1	95.7	95.8	96.4	96.4	96.7	97.2
IV 600	29.6	83.7	88.6	91.7	93.3	93.7	94.6	95.0	95.3	95.7	96.2	96.4	96.9	96.9	97.3	97.7
IV 500	29.6	83.8	88.7	91.8	93.5	94.0	94.9	95.3	95.5	95.9	96.5	96.6	97.2	97.2	97.6	98.1
IV 400	29.7	83.9	89.1	92.2	94.0	94.4	95.4	95.8	96.2	96.6	97.1	97.3	97.8	97.8	98.2	98.7
IV 300	29.7	83.9	89.1	92.2	94.0	94.5	95.5	95.9	96.3	96.8	97.3	97.5	98.1	98.1	98.5	99.2
IV 200	29.7	83.9	89.1	92.2	94.0	94.6	95.5	95.9	96.3	96.9	97.3	97.6	98.2	98.2	98.7	99.5
IV 100	29.7	83.9	89.1	92.2	94.0	94.6	95.6	96.0	96.4	97.0	97.6	97.7	98.4	98.4	99.2	99.9
IV 0	29.7	83.9	89.1	92.2	94.0	94.6	95.6	96.0	96.4	97.0	97.6	97.7	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1455

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

42,45,50-70

YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.9	63.4	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
≥20000	29.3	73.2	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥18000	29.3	73.2	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥16000	29.3	73.2	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥14000	29.4	73.5	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥12000	30.5	76.2	77.7	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥10000	31.0	78.1	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥9000	31.0	78.8	80.3	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥8000	31.1	79.9	81.4	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥7000	31.8	81.7	83.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥6000	32.2	83.2	84.7	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥5000	32.9	85.6	87.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥4500	33.1	86.1	87.7	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥4000	33.5	87.4	89.0	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥3500	34.0	88.5	90.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥3000	34.7	89.7	91.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥2500	35.3	91.1	92.6	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥2000	37.0	94.0	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥1800	37.0	94.0	95.7	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥1500	37.1	94.3	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥1200	37.3	94.6	96.4	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥1000	37.3	94.8	96.6	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥900	37.3	95.0	96.8	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥800	37.5	95.3	97.1	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥700	37.5	95.3	97.2	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥600	37.5	95.3	97.3	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥500	37.5	95.3	97.7	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥400	37.5	95.3	97.7	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥300	37.5	95.3	97.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥200	37.5	95.3	97.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥100	37.5	95.3	97.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.8
≥0	37.5	95.3	97.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS 1455

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43,45,56,70

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	24.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 18000	29.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 16000	29.1	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 14000	29.6	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 12000	30.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 10000	31.7	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 9000	31.8	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 8000	32.5	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 7000	33.3	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	33.5	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 5000	34.0	86.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4500	34.1	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4000	34.4	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3500	35.0	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3000	35.6	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2500	36.5	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	38.9	96.0	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	39.2	96.4	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	39.7	97.1	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	39.7	97.4	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	39.7	97.4	98.1	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	39.7	97.5	98.2	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	39.7	97.6	98.3	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	39.7	97.7	98.5	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	39.7	97.7	98.5	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	39.7	97.7	98.5	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	39.7	97.7	98.5	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	39.7	97.7	98.5	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	39.7	97.7	98.5	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	39.7	97.7	98.5	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	39.7	97.7	98.5	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 1455

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,45,56-70  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	24.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4
IV 20000	31.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9
IV 18000	31.2	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1
IV 16000	31.4	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
IV 14000	31.5	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7
IV 12000	32.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5
IV 10000	32.6	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
IV 9000	32.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5
IV 8000	34.0	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7
IV 7000	34.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3
IV 6000	35.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
IV 5000	35.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	35.5	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
IV 4000	35.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
IV 3500	36.4	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
IV 3000	37.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3
IV 2500	38.1	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
IV 2000	39.3	97.1	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8
IV 1800	39.3	97.3	97.3	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1
IV 1500	39.6	97.3	97.8	98.1	98.3	98.3	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8
IV 1200	39.6	97.6	97.9	98.3	98.4	98.4	98.6	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0
IV 1000	39.6	97.9	98.4	98.8	99.0	99.0	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5
IV 900	39.6	97.9	98.4	98.8	99.0	99.0	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6
IV 800	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9
IV 700	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9
IV 600	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0
IV 500	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0
IV 400	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0
IV 300	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0
IV 200	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0
IV 100	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0
IV 0	39.6	98.0	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1455

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43,43,56-70

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	26.6	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 18000	32.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 16000	32.2	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 14000	32.4	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 12000	32.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 10000	33.0	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 9000	33.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 8000	34.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 7000	34.7	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	35.3	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	35.6	88.9	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4500	36.2	90.2	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	36.3	91.1	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	36.5	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3000	36.8	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	37.3	95.2	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	38.2	96.2	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	38.6	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	38.7	97.5	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	38.7	97.6	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	38.7	97.9	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	38.8	98.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	38.8	98.1	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1455

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12226 STATION HOMESTEAD AFB FLORIDA STATION NAME

43,45,56-70 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	28.9	74.7	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 20000	33.1	81.5	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 18000	33.1	81.5	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 16000	33.2	81.6	82.2	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
IV 14000	33.7	82.1	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 12000	34.0	82.9	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 10000	34.3	83.0	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 9000	34.5	83.4	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 8000	34.7	83.7	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	34.9	83.7	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 6000	35.4	84.2	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 5000	36.2	85.0	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 4500	36.4	85.2	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4000	36.4	85.3	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3500	36.9	85.3	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3000	37.2	85.1	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2500	37.7	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 2000	37.7	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1800	37.8	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1500	37.8	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1200	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1000	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 900	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 800	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 700	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 600	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 500	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 400	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 300	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 200	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 100	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 0	37.9	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7

TOTAL NUMBER OF OBSERVATIONS 1455

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12826 HOMESTEAD AFB FLORIDA

43,26=70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.2	69.7	71.1	72.2	72.9	73.0	73.4	73.5	73.5	73.6	73.6	73.6	74.1	74.3	74.7	75.0
IV 20000	27.2	73.3	74.8	75.9	76.7	76.7	77.2	77.3	77.3	77.4	77.5	77.5	77.9	78.1	78.5	78.8
IV 18000	27.2	73.3	74.8	75.9	76.7	76.7	77.2	77.3	77.3	77.4	77.5	77.5	77.9	78.1	78.5	78.8
IV 16000	27.2	73.3	74.8	75.9	76.7	76.7	77.2	77.3	77.3	77.4	77.5	77.5	77.9	78.1	78.5	78.8
IV 14000	27.2	74.0	75.6	76.7	77.3	77.3	78.0	78.1	78.1	78.2	78.3	78.3	78.7	79.0	79.4	79.6
IV 12000	27.3	74.8	76.3	77.5	78.2	78.3	78.7	78.9	78.9	79.0	79.0	79.0	79.3	79.7	80.1	80.4
IV 10000	27.3	76.7	78.2	79.4	80.1	80.2	80.6	80.8	80.8	80.8	80.9	80.9	81.4	81.6	82.0	82.2
IV 9000	27.6	76.7	78.3	79.4	80.2	80.2	80.7	80.8	80.8	80.9	81.0	81.0	81.4	81.6	82.0	82.3
IV 8000	27.8	78.3	79.8	81.0	81.7	81.8	82.2	82.4	82.4	82.4	82.5	82.5	83.0	83.2	83.6	83.9
IV 7000	28.2	79.6	81.1	82.2	83.0	83.1	83.5	83.7	83.7	83.7	83.8	83.8	84.3	84.5	84.9	85.1
IV 6000	28.9	81.0	82.3	83.7	84.4	84.5	84.9	85.1	85.1	85.1	85.2	85.2	85.7	85.9	86.3	86.6
IV 5000	29.6	83.0	85.3	86.7	87.3	87.4	87.8	88.0	88.0	88.0	88.1	88.1	88.6	88.8	89.2	89.4
IV 4500	30.4	83.3	86.9	88.1	88.8	88.9	89.4	89.5	89.5	89.6	89.6	89.6	90.1	90.3	90.7	91.0
IV 4000	31.1	87.4	89.0	90.2	90.9	91.0	91.3	91.6	91.6	91.7	91.7	91.7	92.2	92.4	92.8	93.1
IV 3500	31.9	89.1	90.7	91.9	92.6	92.7	93.1	93.3	93.3	93.3	93.4	93.4	93.9	94.1	94.5	94.8
IV 3000	32.3	90.0	91.6	92.8	93.5	93.6	94.1	94.2	94.2	94.3	94.4	94.4	94.8	95.0	95.4	95.7
IV 2500	32.5	90.6	92.3	93.6	94.4	94.5	95.0	95.1	95.1	95.2	95.2	95.2	95.7	95.9	96.3	96.6
IV 2000	32.9	91.8	93.3	94.6	95.3	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.7	96.9	97.3	97.6
IV 1800	33.0	91.7	93.3	94.6	95.3	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.9	97.0	97.2	97.6
IV 1500	33.0	91.7	93.3	94.6	95.3	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.9	97.0	97.2	97.6
IV 1200	33.0	91.7	93.3	94.6	95.3	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.9	97.0	97.2	97.6
IV 1000	33.0	91.7	93.3	94.6	95.3	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.9	97.0	97.2	97.6
IV 900	33.0	91.7	93.3	94.6	95.3	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.9	97.0	97.2	97.6
IV 800	33.0	91.7	93.3	94.6	95.3	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.9	97.0	97.2	97.6
IV 700	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8
IV 600	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8
IV 500	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8
IV 400	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8
IV 300	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8
IV 200	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8
IV 100	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8
IV 0	33.2	92.3	94.7	96.0	97.2	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.9	99.1	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS 1487

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12026 HOMESTEAD AFB FLORIDA

43.3670

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼
NO CEILING	24.5	65.1	66.1	67.0	68.6	68.7	69.7	70.0	70.2	70.7	70.9	70.9	71.7	71.9	72.1
≥ 20000	26.2	69.3	70.3	71.6	73.2	73.3	74.4	74.8	75.0	75.3	75.7	75.7	76.3	76.7	77.5
IV 18000	26.2	69.3	70.3	71.6	73.2	73.3	74.4	74.8	75.0	75.3	75.7	75.7	76.3	76.7	77.5
IV 16000	26.2	69.3	70.3	71.6	73.2	73.3	74.4	74.8	75.0	75.3	75.7	75.7	76.3	76.7	77.5
IV 14000	26.4	70.1	71.2	72.3	73.9	74.0	75.1	75.5	75.7	76.2	76.4	76.4	77.2	77.4	78.1
IV 12000	26.7	71.0	72.2	73.2	74.8	74.9	76.1	76.4	76.6	77.1	77.3	77.3	78.1	78.3	79.1
IV 10000	27.0	72.4	73.6	74.6	76.3	76.3	77.3	77.8	78.0	78.3	78.7	78.7	79.6	79.8	80.5
IV 9000	27.0	72.8	73.9	74.9	76.6	76.7	77.8	78.1	78.3	78.9	79.1	79.1	79.9	80.1	80.8
IV 8000	27.2	74.0	75.2	76.2	77.9	77.9	79.1	79.4	79.6	80.2	80.4	80.4	81.2	81.4	82.1
IV 7000	27.6	75.6	76.7	77.7	79.4	79.5	80.6	81.0	81.2	81.7	81.9	81.9	82.7	82.9	83.7
IV 6000	28.2	78.0	79.2	80.2	81.9	82.0	83.1	83.5	83.7	84.2	84.4	84.4	85.2	85.4	86.1
IV 5000	29.2	81.0	82.2	83.3	84.9	85.0	86.1	86.5	86.7	87.2	87.4	87.4	88.2	88.4	89.2
IV 4500	29.9	82.4	83.5	84.7	86.3	86.4	87.6	87.9	88.1	88.6	88.8	88.8	89.6	89.8	90.6
IV 4000	30.9	84.9	86.1	87.2	88.8	88.9	90.0	90.4	90.6	91.1	91.3	91.3	92.1	92.3	93.1
IV 3500	31.4	85.9	87.1	88.2	89.9	90.0	91.1	91.5	91.7	92.2	92.4	92.4	93.2	93.4	94.2
IV 3000	31.7	87.0	88.2	89.3	90.9	91.0	92.1	92.5	92.7	93.2	93.4	93.4	94.2	94.4	95.2
IV 2500	31.9	87.4	88.5	89.6	91.3	91.4	92.5	92.9	93.1	93.6	93.8	93.8	94.6	94.8	95.6
IV 2000	32.1	88.2	89.3	90.4	92.1	92.2	93.3	93.7	93.9	94.4	94.6	94.6	95.4	95.6	96.4
IV 1800	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 1500	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 1200	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 1000	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 900	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 800	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 700	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 600	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 500	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 400	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 300	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 200	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 100	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6
IV 0	32.1	88.4	89.5	90.6	92.3	92.4	93.5	93.9	94.1	94.6	94.8	94.8	95.6	95.8	96.6

TOTAL NUMBER OF OBSERVATIONS 1487

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12000 HOMESTEAD AFB FLORIDA

43, 54, 70

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
FOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	20,7	56,0	59,0	60,8	62,6	62,8	63,8	64,0	64,0	64,7	65,1	65,2	65,8	65,9	66,1	66,7
IV 18000	22,8	60,8	64,2	66,1	68,1	68,3	69,4	69,8	69,8	70,6	71,1	71,2	71,9	72,1	72,4	72,0
IV 16000	22,8	60,8	64,2	66,1	68,1	68,3	69,4	69,8	69,8	70,6	71,1	71,2	71,9	72,1	72,4	72,0
IV 14000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 12000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 10000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 8000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 7000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 6000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 5000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 4500	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 4000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 3500	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 3000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 2500	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 2000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 1800	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 1500	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 1200	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 1000	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 900	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 800	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 700	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 600	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 500	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 400	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 300	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 200	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 100	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3
IV 0	22,8	61,0	64,4	66,3	68,3	68,5	69,7	70,1	70,1	70,9	71,4	71,5	72,2	72,4	72,7	72,3

TOTAL NUMBER OF OBSERVATIONS 1488

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13026  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,5670  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	23.2	59.8	61.3	61.9	62.6	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 20000	26.2	67.3	68.8	69.4	70.1	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 18000	26.2	67.3	69.0	69.6	70.2	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8
IV 16000	26.4	67.7	69.2	69.8	70.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0
IV 14000	26.9	68.7	70.2	70.8	71.4	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
IV 12000	27.3	70.3	72.0	72.6	73.2	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9
IV 10000	27.9	72.6	74.3	75.1	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 9000	28.3	73.4	75.2	75.9	76.6	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
IV 8000	28.4	74.3	76.3	77.1	77.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3
IV 7000	28.9	76.4	78.4	79.0	79.6	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2
IV 6000	29.2	78.3	80.4	81.0	81.6	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 5000	30.2	82.1	84.1	84.7	85.3	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500	30.8	83.4	85.4	86.1	86.9	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000	31.3	84.9	87.0	87.7	88.5	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	31.9	86.0	88.1	88.8	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
IV 3000	33.1	88.2	90.3	91.2	92.0	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2500	34.4	89.9	92.1	93.0	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
IV 2000	34.8	91.2	93.3	94.7	95.3	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2
IV 1800	34.7	91.3	93.7	94.8	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
IV 1500	34.7	91.9	94.2	95.4	96.4	96.3	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	34.8	92.1	95.6	96.9	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	34.8	92.2	94.7	96.0	96.9	97.0	97.4	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	34.8	92.3	94.9	96.2	97.2	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 800	34.8	92.4	95.0	96.4	97.3	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 700	34.8	92.4	95.0	96.4	97.4	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
IV 600	34.8	92.6	95.4	96.8	97.8	98.0	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 500	34.8	92.7	95.6	97.0	98.1	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.3	99.3
IV 400	34.8	92.7	95.6	97.2	98.3	98.3	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.6	99.6
IV 300	34.8	92.7	95.6	97.3	98.3	98.7	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 200	34.8	92.7	95.6	97.3	98.3	98.7	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	34.8	92.7	95.6	97.3	98.3	98.7	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	34.8	92.7	95.6	97.3	98.3	98.7	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.6

TOTAL NUMBER OF OBSERVATIONS 1488

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12226 STATION HOMESTEAD AFB FLORIDA

43, 56-70 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23,7	60,4	60,6	60,6	60,6	60,6	60,6	60,6	60,6	60,6	60,6	60,6	60,6	60,6	60,6	60,6
≥ 20000	28,9	72,8	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7	72,7
≥ 18000	29,0	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9	72,9
≥ 16000	29,3	73,1	73,2	73,2	73,2	73,2	73,2	73,2	73,2	73,2	73,2	73,2	73,2	73,2	73,2	73,2
≥ 14000	29,6	73,8	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9
≥ 12000	30,4	73,7	73,8	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9	73,9
≥ 10000	31,2	78,0	78,3	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6	78,6
≥ 9000	31,3	78,7	79,2	79,2	79,2	79,2	79,2	79,2	79,2	79,2	79,2	79,2	79,2	79,2	79,2	79,2
≥ 8000	32,4	80,8	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3	81,3
≥ 7000	33,0	82,4	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5
≥ 6000	33,3	83,3	83,9	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0
≥ 5000	34,3	86,4	86,9	87,0	87,0	87,0	87,0	87,0	87,0	87,0	87,0	87,0	87,0	87,0	87,0	87,0
≥ 4500	34,7	87,4	88,0	88,1	88,1	88,1	88,1	88,1	88,1	88,1	88,1	88,1	88,1	88,1	88,1	88,1
≥ 4000	35,4	89,4	90,0	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3
≥ 3500	35,8	90,2	90,8	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1	91,1
≥ 3000	37,1	91,9	92,6	92,9	92,9	92,9	92,9	92,9	92,9	92,9	92,9	92,9	92,9	92,9	92,9	92,9
≥ 2500	37,5	92,4	92,6	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7
≥ 2000	38,8	95,8	96,8	97,0	97,1	97,1	97,1	97,1	97,1	97,1	97,1	97,1	97,1	97,1	97,1	97,1
≥ 1800	38,8	95,8	97,0	97,3	97,4	97,4	97,4	97,4	97,4	97,4	97,4	97,4	97,4	97,4	97,4	97,4
≥ 1500	38,8	96,4	97,7	98,0	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1	98,1
≥ 1200	38,8	96,7	98,1	98,3	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4	98,4
≥ 1000	38,8	96,9	98,3	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7
≥ 900	38,8	96,9	98,3	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7	98,7
≥ 800	38,8	97,0	98,4	98,7	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8
≥ 700	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 600	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 500	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 400	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 300	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 200	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 100	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9
≥ 0	38,8	97,0	98,8	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9	98,9

TOTAL NUMBER OF OBSERVATIONS 1488

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

19826 HOMESTEAD AFB FLORIDA

42,56-70

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.9	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 20000	28.9	73.3	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 18000	29.0	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 16000	29.2	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 14000	29.7	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 12000	30.2	76.3	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 10000	30.8	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 9000	31.3	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 8000	32.3	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 7000	32.9	83.9	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 6000	33.8	85.6	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 5000	35.0	88.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	35.1	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4000	35.7	90.3	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	36.0	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	37.3	92.7	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	38.0	95.0	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	38.4	96.0	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	38.6	96.4	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	38.7	97.0	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	38.7	97.1	98.0	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	38.7	97.4	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	38.7	97.6	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	38.7	97.7	98.6	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	38.7	97.7	98.7	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	38.7	97.7	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	38.7	97.7	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	38.7	97.7	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	38.7	97.7	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	38.7	97.7	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	38.7	97.7	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	38.7	97.7	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1488

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12026 HOMESTEAD AFB FLORIDA

43,56-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	25.5 29.7	66.4 74.9	66.5 75.1	66.6 75.2	66.7 75.3	66.7 75.3	66.8 75.3	66.8 75.3	66.8 75.3	66.8 75.3	66.8 75.3	66.8 75.3	66.8 75.3	66.8 75.3	66.8 75.3	66.8 75.3
IV 18000 16000	29.9 29.9	75.3 75.3	75.3 75.3	75.6 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7	75.7 75.7
IV 14000 12000	30.1 30.3	75.9 77.1	76.0 77.2	76.1 77.3	76.2 77.4	76.2 77.4	76.3 77.5	76.3 77.5	76.3 77.5	76.3 77.5	76.3 77.5	76.3 77.5	76.3 77.5	76.3 77.5	76.3 77.5	76.3 77.5
IV 10000 9000	31.2 31.2	79.5 79.8	79.6 80.0	79.8 80.1	79.8 80.2	79.8 80.2	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3
IV 8000 7000	32.0 32.3	82.4 83.9	82.6 84.1	82.7 84.2	82.8 84.3	82.8 84.3	82.9 84.4	82.9 84.4	82.9 84.4	82.9 84.4	82.9 84.4	82.9 84.4	82.9 84.4	82.9 84.4	82.9 84.4	82.9 84.4
IV 6000 5000	33.3 33.9	85.3 86.2	85.3 86.4	85.6 86.6	85.7 86.6	85.7 86.6	85.8 86.8	85.8 86.8	85.8 86.8	85.8 86.8	85.8 86.8	85.8 86.8	85.8 86.8	85.8 86.8	85.8 86.8	85.8 86.8
IV 4500 4000	34.7 35.4	89.6 92.1	89.8 92.4	90.0 92.5	90.0 92.6	90.0 92.6	90.2 92.7	90.2 92.7	90.2 92.7	90.2 92.7	90.2 92.7	90.2 92.7	90.2 92.7	90.2 92.7	90.2 92.7	90.2 92.7
IV 3500 3000	35.7 36.7	92.7 94.7	93.0 95.0	93.1 95.1	93.2 95.2	93.2 95.2	93.3 95.3	93.3 95.3	93.3 95.3	93.3 95.3	93.3 95.3	93.3 95.3	93.3 95.3	93.3 95.3	93.3 95.3	93.3 95.3
IV 2500 2000	36.9 37.3	95.6 96.8	95.8 97.0	96.0 97.3	96.1 97.4	96.1 97.4	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5
IV 1800 1500	37.3 37.3	97.0 97.8	97.2 97.6	97.5 97.8	97.6 98.0	97.6 98.0	97.8 98.1	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2
IV 1200 1000	37.3 37.3	97.3 97.3	97.8 97.8	98.0 98.0	98.3 98.4	98.3 98.4	98.5 98.5	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7	98.6 98.7
IV 900 800	37.3 37.3	97.3 97.4	97.8 97.9	98.1 98.3	98.5 98.6	98.5 98.6	98.8 98.9	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1
IV 700 600	37.3 37.3	97.4 97.4	98.0 98.0	98.3 98.4	98.7 98.8	98.7 98.8	99.0 99.3	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5
IV 500 400	37.3 37.3	97.4 97.5	98.0 98.0	98.4 98.5	98.8 98.9	98.8 98.9	99.4 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
IV 300 200	37.3 37.3	97.5 97.5	98.0 98.0	98.5 98.5	98.9 98.9	98.9 98.9	99.5 99.5	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 100 0	37.3 37.3	97.5 97.5	98.0 98.0	98.5 98.5	98.9 98.9	98.9 98.9	99.5 99.5	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8

TOTAL NUMBER OF OBSERVATIONS 1487

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

# CEILING VERSUS VISIBILITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43.54-70  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	26.1	71.6	72.0	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
IV 18000	28.8	76.5	76.8	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4
IV 16000	28.8	76.5	76.8	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4
IV 14000	28.9	76.9	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8
IV 12000	29.1	77.8	78.1	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
IV 10000	29.3	80.4	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3
IV 9000	29.3	80.6	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
IV 8000	30.0	82.4	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
IV 7000	30.6	84.5	84.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
IV 6000	31.5	86.5	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4
IV 5000	32.2	89.3	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
IV 4500	32.6	90.2	90.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1
IV 4000	33.2	92.3	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
IV 3500	33.8	93.5	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4
IV 3000	34.7	94.8	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
IV 2500	34.9	95.5	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
IV 2000	35.3	96.6	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 1800	35.4	96.8	97.5	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 1500	35.4	96.9	97.7	98.1	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 1200	35.4	97.1	97.9	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 1000	35.4	97.2	98.1	98.5	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
IV 900	35.4	97.2	98.1	98.5	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 800	35.6	97.4	98.2	98.7	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 700	35.6	97.4	98.3	98.7	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 600	35.6	97.4	98.3	98.7	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 500	35.6	97.4	98.3	98.7	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	35.6	97.4	98.3	98.7	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	35.6	97.4	98.3	98.7	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	35.6	97.4	98.3	98.7	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	35.6	97.4	98.3	98.7	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1488

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826

HOMESTEAD AFB FLORIDA

56-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	18.0	8.1	8.5	8.1	6.7	5.7	4.3	7.0	7.9	6.9	19.0	4.9	10414
FEB		19.4	8.2	8.4	8.0	7.2	6.8	4.3	7.3	8.4	6.1	16.1	4.7	9476
MAR		14.8	7.8	8.7	9.2	7.5	6.8	4.1	7.5	8.8	7.2	17.7	5.1	10410
APR		13.7	7.5	9.8	11.2	9.6	8.9	5.3	8.1	8.9	6.0	11.1	4.7	10076
MAY		7.9	6.4	9.0	11.6	9.4	7.8	4.7	8.1	10.4	7.7	17.1	5.4	10407
JUN		2.9	3.4	6.4	9.0	9.2	8.3	5.2	10.4	13.3	10.6	21.4	6.4	10572
JUL		2.3	3.6	7.4	11.6	11.7	10.0	6.5	11.6	13.2	8.4	13.6	5.9	11150
AUG		2.5	3.3	7.1	11.4	11.5	10.4	6.5	12.5	14.3	9.9	10.5	5.9	11148
SEP		2.0	2.6	6.5	9.1	10.2	9.0	5.4	11.2	13.8	10.7	19.5	6.4	10794
OCT		9.8	5.3	8.6	8.9	8.4	6.9	4.6	8.9	10.0	8.5	19.0	5.5	11156
NOV		17.6	10.3	12.1	10.6	7.8	6.1	4.4	6.4	7.3	6.0	11.5	4.3	10793
DEC		20.5	9.5	9.8	9.0	6.8	5.4	4.0	6.4	7.3	6.7	14.6	4.4	11155
TOTALS		11.0	6.4	8.5	9.6	8.8	7.7	4.9	8.8	10.3	7.9	15.9	5.3	127551

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826 HOMESTEAD AFB FLORIDA

57-70

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	31.5	9.9	8.4	6.8	5.1	3.7	3.5	4.9	5.1	4.5	16.6	3.9	1302
	03-05	30.1	9.3	8.2	6.0	3.9	3.6	4.6	5.4	6.6	3.6	18.7	4.1	1302
	06-08	14.5	9.1	7.7	9.7	6.5	5.5	4.2	8.0	8.2	8.1	18.5	5.1	1301
	09-11	10.0	7.4	9.7	9.5	8.0	6.8	4.3	7.5	8.4	8.5	20.0	5.4	1302
	12-14	6.5	4.0	7.3	9.4	9.5	9.6	3.7	9.6	10.6	9.5	20.3	6.0	1301
	15-17	6.1	6.2	9.1	8.8	9.7	7.4	4.1	8.1	9.2	9.8	21.4	5.8	1302
	18-20	15.6	9.4	8.8	8.2	6.6	4.8	4.8	6.5	8.7	5.9	20.6	5.1	1302
	21-23	29.5	9.5	8.6	6.5	4.2	4.5	4.8	5.6	6.3	4.9	15.6	4.0	1302
TOTALS		18.0	8.1	8.5	8.1	6.7	5.7	4.3	7.0	7.9	6.9	19.0	4.9	10414

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SKY COVER

**FEB**

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	31.2	11.1	8.6	6.2	6.2	4.4	3.8	6.4	4.9	3.1	14.1	3.7	1185
	03-05	29.1	8.9	8.9	7.7	5.0	4.5	2.7	6.1	6.2	4.2	16.9	4.1	1184
	06-08	17.4	10.1	10.1	6.5	6.2	6.9	3.7	7.4	8.3	6.0	18.0	4.8	1184
	09-11	13.9	7.5	6.7	8.9	8.6	7.3	4.3	6.9	8.9	7.1	19.8	5.3	1185
	12-14	9.4	3.6	5.5	9.3	9.4	11.8	5.3	7.9	11.7	9.3	16.9	5.7	1184
	15-17	8.2	4.9	7.8	11.1	8.4	7.3	5.6	9.4	11.5	9.3	16.5	5.6	1184
	18-20	17.3	8.5	10.9	8.1	7.3	5.4	4.6	8.2	9.5	6.3	13.9	4.7	1185
	21-23	28.6	10.7	8.5	5.8	6.1	6.7	5.2	5.9	6.1	3.5	12.8	3.8	1185
TOTALS		19.4	8.2	8.4	8.0	7.2	6.8	4.3	7.3	8.4	6.1	16.1	4.7	9476

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## SKY COVER

MAR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	26.8	8.8	8.7	7.5	6.3	5.2	3.5	6.4	6.5	3.4	16.9	4.2	1300
	03-05	26.0	8.3	10.0	7.8	5.1	5.7	4.5	5.2	6.9	3.9	16.7	4.2	1302
	06-08	10.1	9.4	10.0	9.5	7.8	7.6	4.8	7.5	9.8	6.8	16.6	5.2	1301
	09-11	9.1	6.4	6.6	9.6	8.0	8.9	4.3	9.1	8.8	8.4	20.9	5.7	1302
	12-14	4.8	4.1	6.8	10.0	9.4	8.6	4.7	9.8	10.1	10.9	20.8	6.1	1302
	15-17	4.7	5.5	7.7	10.2	8.9	7.1	5.0	8.4	12.4	10.8	19.4	6.0	1302
	18-20	10.5	10.7	9.3	9.7	8.2	6.5	3.2	8.0	8.8	9.2	16.0	5.1	1300
	21-23	26.1	9.1	10.5	9.1	6.5	4.5	3.1	5.3	7.0	4.5	14.1	4.0	1301
TOTALS		14.8	7.8	8.7	9.2	7.5	6.8	4.1	7.5	8.8	7.2	17.7	5.1	10410

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826 HOMESTEAD AFB FLORIDA

57-70

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	26.1	11.4	12.2	10.1	8.0	5.5	5.4	5.3	6.0	2.6	7.4	3.4	1259
	03-05	21.0	10.7	13.7	10.5	9.0	6.3	5.2	6.1	5.6	2.5	9.4	3.7	1259
	06-08	8.3	7.6	9.8	14.1	10.3	8.7	4.4	8.5	9.8	7.1	11.2	5.0	1259
	09-11	5.6	3.5	6.9	13.3	10.6	12.5	5.6	10.6	12.2	8.0	11.2	5.5	1259
	12-14	4.7	3.9	6.6	10.7	13.1	12.6	6.1	9.4	11.0	9.8	12.1	5.6	1260
	15-17	6.7	5.2	7.6	10.2	9.8	11.3	5.6	9.3	12.2	8.0	14.0	5.6	1260
	18-20	11.3	8.1	9.0	11.5	8.5	7.1	5.3	8.9	8.8	7.4	14.2	5.0	1260
	21-23	25.9	9.5	12.4	9.0	7.5	7.4	4.4	6.6	5.8	2.4	9.1	3.4	1260
TOTALS		13.7	7.5	9.8	11.2	9.6	8.9	5.3	8.1	8.9	6.0	11.1	4.7	10076

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

12826 HOMESTEAD AFB FLORIDA

57-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	16.6	8.5	12.4	12.8	10.3	5.7	4.1	5.9	5.8	3.3	14.8	4.3	1299
	03-05	15.3	10.8	12.7	13.4	8.8	6.1	3.8	7.1	7.1	3.1	11.8	4.2	1302
	06-08	6.1	7.5	9.7	12.1	10.3	7.9	3.8	8.3	10.2	8.1	16.1	5.4	1302
	09-11	3.8	3.8	5.6	11.7	10.4	11.1	4.1	9.5	11.5	10.8	17.7	6.0	1300
	12-14	2.5	4.3	6.8	11.0	9.2	9.2	4.2	9.5	13.3	10.9	19.2	6.2	1301
	15-17	3.2	4.1	6.1	9.8	10.1	8.1	5.2	8.7	13.4	10.6	20.5	6.3	1302
	18-20	3.8	4.9	8.0	9.5	7.8	7.2	6.4	9.1	12.4	10.4	20.5	6.2	1302
	21-23	11.8	7.1	10.9	12.4	8.6	7.2	5.6	7.0	9.2	4.0	16.2	4.9	1299
TOTALS		7.9	6.4	9.0	11.6	9.4	7.8	4.7	8.1	10.4	7.7	17.1	5.4	10407

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826

HOMESTEAD AFB FLORIDA

56-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	7.0	7.4	12.3	13.6	9.6	6.8	5.1	9.4	7.8	4.4	16.5	5.1	1306
	03-05	7.5	9.1	11.9	14.0	9.3	8.7	4.1	8.2	10.1	3.3	13.7	4.9	1306
	06-08	2.0	2.6	7.1	9.3	10.5	8.8	5.5	10.9	14.2	11.1	17.9	6.3	1334
	09-11	.7	.8	1.6	5.6	9.9	12.8	4.7	12.3	15.9	14.7	21.1	7.1	1333
	12-14	.3	.9	2.3	6.4	8.8	9.1	4.7	12.0	16.5	15.7	23.3	7.2	1337
	15-17	.6	.9	2.8	5.9	9.0	6.6	5.2	10.3	14.8	16.3	27.7	7.4	1335
	18-20	.8	1.8	3.4	6.9	6.9	4.9	5.4	11.5	14.4	14.4	29.7	7.4	1310
	21-23	4.1	3.9	9.8	10.4	9.3	8.6	6.9	8.6	12.6	4.7	21.0	5.9	1311
TOTALS		2.9	3.4	6.4	9.0	9.2	8.3	5.2	10.4	13.3	10.6	21.4	6.4	10572

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826 HOMESTEAD AFB FLORIDA

56-70

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	7.3	8.9	14.7	17.2	11.4	7.5	4.6	8.5	7.4	3.6	8.9	4.4	1392
	03-05	7.0	8.9	14.2	16.9	13.3	8.0	5.6	7.8	8.0	3.3	6.9	4.3	1395
	06-08	.6	1.9	6.1	14.1	14.7	13.1	5.7	11.9	13.0	8.3	10.6	5.8	1392
	09-11	.1	.5	1.6	6.5	13.2	14.3	7.5	14.7	18.1	9.6	13.9	6.7	1394
	12-14	.1	.6	2.7	8.4	10.5	11.5	6.5	13.9	18.3	10.8	16.6	6.8	1394
	15-17		.9	3.7	7.8	9.2	10.1	7.1	13.4	16.0	13.6	18.2	6.9	1394
	18-20	.5	1.2	5.7	8.5	8.4	7.5	7.2	12.0	14.7	14.3	20.1	6.8	1395
	21-23	2.5	5.5	10.5	13.7	14.0	8.3	8.0	10.8	10.0	3.3	13.4	5.3	1394
TOTALS		2.3	3.6	7.4	11.6	11.8	10.0	6.5	11.6	13.2	8.4	13.6	5.9	11150

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826 HOMESTEAD AFB FLORIDA

56-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	8.0	7.1	13.9	14.6	12.2	7.5	6.1	10.2	9.3	3.7	7.5	4.6	1394
	03-05	8.2	9.4	14.4	18.9	15.6	7.4	4.8	7.0	7.1	2.1	5.0	4.0	1395
	06-08	.4	3.5	8.6	13.9	14.3	10.5	6.7	12.0	15.2	8.1	6.7	5.6	1394
	09-11	.2	.9	1.6	8.3	11.8	13.9	7.0	16.2	17.4	12.6	10.1	6.6	1393
	12-14		.3	1.8	7.3	9.7	14.4	7.0	15.4	18.9	14.1	11.2	6.8	1393
	15-17		.3	2.6	7.5	9.1	10.7	6.7	13.4	18.7	16.3	14.7	7.0	1391
	18-20	.1	.9	4.5	8.5	7.5	9.7	5.5	13.1	16.2	16.2	17.8	6.9	1395
	21-23	3.0	4.3	9.7	12.5	12.1	9.2	8.1	12.8	11.2	6.0	11.1	5.5	1393
TOTALS		2.5	3.3	7.1	11.4	11.5	10.4	6.5	12.5	14.3	9.9	10.5	5.9	11146

DATA PROCESSING DIVISION  
BTAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826

HOMESTEAD AFB FLORIDA

56-70

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	5.8	5.3	14.1	11.6	11.6	6.7	5.3	10.4	9.3	4.3	13.7	5.2	1350
	03-05	7.6	7.6	11.6	12.8	12.0	7.6	6.9	8.2	8.4	5.6	11.9	4.9	1350
	06-08	.4	2.2	7.9	10.4	12.3	9.1	5.9	10.8	12.6	10.7	17.5	6.3	1347
	09-11	.1	.3	2.7	7.4	10.7	12.1	6.0	12.1	17.6	12.1	19.0	6.9	1350
	12-14		.1	2.0	6.3	10.0	12.3	5.3	12.7	16.0	15.2	20.1	7.1	1350
	15-17		.3	2.2	5.1	7.6	8.8	3.6	12.0	17.6	17.4	25.3	7.5	1350
	18-20	.2	1.0	3.2	8.2	7.7	6.6	4.7	10.8	17.4	12.5	27.7	7.3	1348
	21-23	2.2	3.9	9.1	11.2	9.6	8.4	5.8	12.2	11.5	7.6	18.7	6.0	1349
TOTALS		2.0	2.6	6.6	9.1	10.2	9.0	5.4	11.2	13.8	10.7	19.5	6.4	10794

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

12826 HOMESTEAD AFB FLORIDA

56-70

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	18.1	8.7	11.3	10.4	7.8	3.9	3.6	6.6	7.6	4.8	17.3	4.6	1395
	03-05	18.3	9.0	12.1	9.2	8.4	5.2	4.4	8.0	6.0	3.4	16.1	4.4	1395
	06-08	6.0	7.0	9.5	11.3	9.3	7.2	3.4	8.3	10.0	8.2	19.8	5.6	1394
	09-11	6.1	4.9	6.0	6.2	8.9	10.4	4.2	8.8	13.0	11.0	18.4	6.0	1394
	12-14	3.9	2.8	5.2	8.7	10.5	9.1	5.3	10.2	12.6	13.3	18.4	6.3	1394
	15-17	3.9	3.4	6.5	6.6	8.3	8.2	5.6	10.1	10.8	13.5	21.2	6.4	1395
	18-20	7.5	5.9	8.2	7.0	8.3	4.9	5.4	9.5	12.6	8.9	21.9	6.0	1395
	21-23	14.5	8.8	10.0	8.1	6.0	6.5	5.2	9.9	7.2	5.2	18.7	5.0	1394
TOTALS		9.8	6.3	8.6	8.9	8.4	6.9	4.6	8.9	10.0	8.5	19.0	5.5	11156



## SKY COVER

425

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	31.1	13.3	11.2	7.8	6.1	4.1	3.7	5.1	5.0	2.4	10.2	3.3	1350
	03-05	31.3	13.3	10.1	7.4	5.1	3.7	4.0	4.2	6.1	3.7	11.1	3.4	1349
	06-08	12.2	12.5	12.5	10.4	8.4	6.8	3.6	6.2	8.4	6.6	12.3	4.5	1348
	09-11	10.5	9.0	12.4	12.1	9.1	7.7	5.0	6.2	7.0	7.9	13.0	4.8	1350
	12-14	5.6	6.5	11.0	14.1	11.6	8.7	5.8	7.9	8.4	9.0	11.6	5.1	1350
	15-17	6.1	6.8	13.8	13.0	7.6	7.4	4.6	8.2	10.0	9.6	12.9	5.2	1349
	18-20	15.9	9.9	13.2	11.1	7.2	5.4	4.5	7.2	8.4	5.7	11.4	4.4	1348
	21-23	28.1	11.0	12.7	8.5	7.4	4.8	3.7	5.9	5.3	3.1	9.4	3.4	1349
TOTALS		17.6	10.3	12.1	10.6	7.8	6.1	4.4	6.4	7.3	6.0	11.5	4.3	10793

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

DEC

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	28.9	12.1	10.6	7.7	6.4	4.0	4.2	5.2	5.0	3.7	12.2	3.6	1392
	03-05	31.3	10.5	8.8	6.2	5.4	5.7	3.7	5.4	5.7	4.5	12.6	3.7	1395
	06-08	17.8	10.7	12.5	8.8	5.2	4.7	4.4	6.7	7.0	6.9	15.1	4.5	1395
	09-11	14.1	8.2	9.5	11.2	7.2	5.5	4.3	6.8	6.2	8.0	11.9	5.0	1394
	12-14	10.3	7.0	7.6	11.9	10.8	7.4	3.6	8.5	9.1	9.1	14.7	5.2	1394
	15-17	10.6	8.0	9.5	11.3	7.8	6.2	4.3	6.3	10.1	9.3	16.4	5.2	1394
	18-20	20.6	7.9	9.5	7.7	6.2	5.0	4.3	6.3	7.2	7.0	16.0	4.5	1395
	21-23	30.5	9.4	10.0	7.2	5.6	4.5	3.3	5.7	5.8	4.9	13.1	3.8	1395
TOTALS		20.5	9.5	9.8	9.0	6.8	5.4	4.0	6.4	7.3	6.7	14.6	4.4	11155

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART E

## PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma x$ ). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
  - a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 12226 HOMESTEAD AFB FLORIDA  
 STATION STATION NAME

# DAILY TEMPERATURES

43-45, 56-70

YEARS

CUMULATIVE PERCENTAGE . FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95					4.2	13.9	17.3	26.2	44.7	8.8			6.1
90				1.0	2.3	13.9	17.3	26.2	44.7	8.8			6.8
85		2.9	7.3	19.2	34.7	73.4	93.1	96.8	86.6	49.8	5.4		40.8
80	1.4	31.9	39.7	64.0	90.5	98.3	99.8	100.0	100.0	89.8	52.1	20.2	68.6
75	34.2	62.4	74.0	95.8	99.8	100.0	100.0			98.6	86.0	60.5	86.7
70	60.9	82.1	92.9	100.0	100.0					99.8	94.6	84.3	94.9
65	92.0	94.0	96.8							100.0	98.9	93.2	98.3
60	97.0	97.8	99.8								99.8	98.8	99.5
55	99.1	99.8	100.0								100.0	99.6	99.9
50	100.0	100.0										100.0	100.0
MC	74.0	75.4	77.6	81.1	83.2	86.3	87.7	88.3	87.1	83.7	78.8	75.0	81.5
SD	5.971	6.340	5.247	3.810	3.022	3.032	2.010	2.055	2.501	3.298	4.597	5.419	6.524
TOTAL OBS	469	452	495	480	527	526	527	558	523	496	480	496	6026

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 12226 HOMESTEAD AFB FLORIDA  
 STATION STATION NAME

# DAILY TEMPERATURES

43-452 56-70

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80					16.7	2.5	7.4	9.3	6.2	1.4			2.4
78				4.4	43.1	46.2	73.2	71.5	62.5	29.0	3.3		27.0
76	4.3	10.8	21.6	43.1	70.6	97.0	100.0	100.0	100.0	73.6	29.0	10.9	56.9
74	28.4	30.3	50.6	78.1	93.0	100.0				90.7	61.7	33.7	73.5
72	52.3	51.3	73.6	90.6	98.5					97.4	81.2	53.0	84.2
70	71.0	70.2	84.7	98.5	100.0					99.6	91.0	70.0	91.0
68	85.4	86.3	94.0	99.6						100.0	98.5	86.1	95.9
66	92.9	94.5	99.2	100.0							99.0	94.8	98.5
64	97.8	98.5	99.8								100.0	98.4	99.6
62	99.8	100.0	100.0									100.0	100.0
60	100.0												100.0
58													
56													
54													
52													
50													
48													
46													
44													
42													
40													
38													
36													
34													
32													
30													
28													
26													
24													
22													
20													
18													
16													
14													
12													
10													
8													
6													
4													
2													
0													
MEAN	55.6	59.1	63.2	67.8	70.8	74.3	75.9	76.0	75.3	71.3	63.1	59.5	66.1
S D	8.389	8.368	7.360	5.250	4.029	2.733	2.261	2.444	2.486	4.842	6.859	8.440	8.658
TOTAL OBS	463	452	496	480	527	526	527	558	523	496	480	496	6026

STATION

STATION NAME

YEARS

## MEAN

MEAN

USAF ETAC FORM 0215 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

12826  
STATION

DOMESTAD AFB FLORIDA  
STATION NAME

1-48, 56-70  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH/ YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43		88	83	89	90	91	92	92	92	89	85	83	
44	80	84	88	90	88	98	94	92	94				
45					95	93		92					
56							91	95	91	88	85	84	
57	84	84	86	88	87	93	91	91	92	88	87	80	93
58	79	87	86	89	88	93	91	94	93	92	88	83	94
59	84	86	88	90	89	91	91	92	89	89	86	82	92
60	84	85	86	87	88	90	91	91	91	89	86	81	91
61	81	84	87	90	90	92	90	92	91	89	85	86	92
62	82	85	87	87	87	90	91	91	90	88	82	79	91
63	81	81	87	89	86	90	93	90	90	85	83	83	93
64	82	84	87	88	88	89	90	91	90	88	83	82	91
65	83	83	88	88	91	89	89	89		89	82	82	
66	81	81	83	86	88	89	92	92	92	87	83	81	92
67	83	82	86	88	92	88	89	89	92	86	85	84	93
68	81	82	80	87	87	90	89	93	93	88	83	84	93
69	78	83	83	90	87	92	93	90	90	89	86	82	93
70	83	80	83	87	86	92	90	93	90	90	86	84	95
71				92									
MEAN	81.7	82.7	83.6	88.1	88.6	91.2	91.0	91.7	91.8	88.4	84.8	82.5	92.5
S D	1.881	2.213	2.277	1.844	2.344	2.381	1.688	1.742	1.448	1.886	1.732	1.751	1.198
TOTAL OBS	488	482	496	480	527	510	527	588	480	496	480	496	5967





## EXTREME VALUES

MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

12826	HOMESTEAD AFB FLORIDA
STATION	STATION NAME

43-45, 56-70

**YEARS**

WHOLE DEGREES FAHRENHEIT

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

ALL  
MONTH

ALL  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

ALL  
MONTH

ALL

[illegible]

## PSYCHROMETRIC SUMMARY

JAN  
MONTH

ALL  
HOURS (L. S. Y.)

[illegible]

## PSYCHROMETRIC SUMMARY

44, 57-70

JAN

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-44, 57-70

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87																		2	2					
86/ 85																		22	22					
84/ 83																		81	81					
82/ 81																		285	285					
80/ 79																		499	499					
78/ 77																		572	572					
76/ 75																		829	829					
74/ 73																		953	953					
72/ 71																		1008	1008					
70/ 69																		1087	1087					
68/ 67																		857	857					
66/ 65																		857	857					
64/ 63																		734	734					
62/ 61																		642	642					
60/ 59																		562	562					
58/ 57																		500	500					
56/ 55																		382	382					
54/ 53																		281	281					
52/ 51																		185	185					
50/ 49																		187	187					
48/ 47																		115	115					
46/ 45																		98	98					
44/ 43																		51	51					
42/ 41																		35	35					
40/ 39																		16	16					
38/ 37																		2	2					
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

FEB

MONT. 1

ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12026 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

43-44, 57-70  
YEARS

MAR  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point																				
88/ 87																																	26	26						
86/ 85																																	74	74						
84/ 83																																	199	199						
82/ 81																																	428	428						
80/ 79																																	699	699						
78/ 77																																	853	853						
76/ 75																																	1216	1216	153	9				
74/ 73																																	1503	1503	704	135				
72/ 71																																	1450	1452	1283	643				
70/ 69																																	1388	1392	1607	1164				
68/ 67																																	1011	1013	1481	1304				
66/ 65																																	803	804	1357	1322				
64/ 63																																	572	572	1255	1226				
62/ 61																																	396	397	1066	1070				
60/ 59																																	336	336	698	975				
58/ 57																																	221	221	555	804				
56/ 55																																	237	237	366	682				
54/ 53																																	179	179	348	490				
52/ 51																																	131	131	314	388				
50/ 49																																	82	82	235	341				
48/ 47																																	52	52	201	271				
46/ 45																																	16	16	151	224				
44/ 43																																	8	8	65	252				
42/ 41																																	6	6	27	174				
40/ 39																																	1	1	12	146				
38/ 37																																			3	96				
36/ 35																																				62				
34/ 33																																				41				
32/ 31																																				24				
30/ 29																																				22				
28/ 27																																				12				
26/ 25																																				5				
24/ 23																																				3				
22/ 21																																				1				
Element (X)	Σ X <sup>2</sup>					Σ X					Σ					Σ X					Σ X					Σ X					Σ X					Σ X				
Rel. Hum.																																								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

## PSYCHROMETRIC SUMMARY

YEARS

MAR  
MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLH)

**USAFETAC**

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12526 HOMESTEAD AFB FLORIDA

43-44, 57-70

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89							.0	.1	.0	.0	.0									14	14			
88/ 87						.1	.3	.3	.2	.1	.0									108	108			
86/ 85					.1	.5	.8	.4	.1	.1	.0			.0	.0					228	228			
84/ 83			.0	.1	.7	1.4	.9	.5	.1	.0	.0	.0	.0	.0						436	436			
82/ 81		.0	.1	.5	1.9	1.7	1.0	.4	.1	.0	.0	.0								683	683			
80/ 79		.1	.4	1.8	2.3	2.4	1.4	.5	.2	.1	.0	.0								1046	1046	5	1	
78/ 77		.4	1.6	3.0	3.2	2.4	1.3	.4	.2	.1	.0	.0		.0						1453	1453	80	7	
76/ 75	.1	1.8	3.6	3.9	2.9	2.0	1.4	.4	.2	.0	.0	.0	.0							1872	1873	456	94	
74/ 73	.2	2.2	4.0	4.1	2.5	1.2	.9	.5	.1	.1	.0									1808	1808	1320	397	
72/ 71	.3	2.3	3.1	3.1	2.1	1.3	.6	.1	.1	.1	.0									1374	1374	1844	1075	
70/ 69	.4	1.7	1.6	2.3	1.2	1.0	.4	.1	.0	.0	.0									978	978	2144	1587	
68/ 67	.4	1.1	1.4	.9	.6	.5	.1	.0	.0	.0										582	582	1661	1706	
66/ 65	.1	.5	.8	.6	.5	.1	.1	.0	.0											312	312	1261	1499	
64/ 63	.0	.3	.7	.4	.2	.1	.0	.0	.0											204	204	953	1284	
62/ 61	.0	.3	.4	.4	.2	.1	.0													169	169	693	961	
60/ 59	.1	.3	.3	.3	.1	.0	.0													122	122	457	809	
58/ 57	.0	.2	.1	.1	.1	.0														60	60	261	637	
56/ 55		.1	.1	.1	.1	.0														42	42	186	443	
54/ 53			.0	.0																8	8	83	332	
52/ 51		.0	.0	.0	.0															9	9	54	250	
50/ 49		.0	.0		.0															8	8	36	167	
48/ 47					.0															2	2	12	101	
46/ 45																						7	49	
44/ 43																						1	40	
42/ 41																						2	26	
40/ 39																						2	21	
38/ 37																							2	
36/ 35																							13	
34/ 33																							7	
32/ 31																							2	
30/ 29																							6	
28/ 27																							2	
TOTAL	1.5	11.1	17.2	21.8	18.7	14.8	9.0	3.7	1.4	.6	.3	.1	.0	.0						11518	11519		11518	
																				11518		11519		
Element (X)	Σ X <sup>2</sup>		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	61343077		825749		71.7		13.6		11516		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73	≥ 80 F	≥ 93 F	Total							
Dry Bulb	64014683		856183		74.3		5.7		11519				661.5	47.1	123.2		720							
Wet Bulb	53035712		779362		67.7		5.1		11518				469.5	1.6	.1		720							
Dew Point	47787399		738095		64.1		6.5		11518				.6	304.2	31.2		720							

THIS FORM IS OBSOLETE

REVISED PREVIOUS EDITIONS

FORM 0-26-5 (O.L.A.) JUL 64

USAFETAC

## PSYCHROMETRIC SUMMARY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 57-70

YEARS

MAY  
MONTH

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

43-45, 56-70

JUN  
MONTH

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

JUL  
MONTH

ALL  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)

**Footnote**

## UN

ALL  
HOURS 11 - 5 - T.

[illegible]



## PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOUS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

FORM A

USAFETAC

**Answers:**

17

YEARS

PAGE 1

ALL  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43,45,56-70

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
88/ 87						.0	.1	.0										15	15																	
86/ 85					.1	.3	.2	.0	.0									68	68																	
84/ 83			.1	.5	.7	.4	.1	.0										208	208																	
82/ 81			.1	.5	1.3	1.5	.9	.1	.1	.0								533	533																	
80/ 79		.0	.3	1.2	2.4	2.7	1.1	.4	.1	.0								952	952														1			
78/ 77		.3	1.4	2.5	2.2	2.1	1.4	.4	.1	.0	.0							1208	1208													52	3			
76/ 75	.1	1.4	3.2	3.1	2.2	1.5	.8	.2	.1	.0								1446	1446													332	56			
74/ 73	.3	2.3	3.3	2.9	2.3	1.0	.4	.1	.1	.0	.0							1478	1478													942	365			
72/ 71	.6	2.6	2.6	3.3	1.8	.9	.2	.1	.0									1424	1424													1654	949			
70/ 69	.5	2.8	2.8	2.0	1.0	.4	.2	.1	.0									1150	1150													1801	1341			
68/ 67	.5	2.1	2.6	1.2	.7	.3	.1	.1	.0									884	884													1693	1343			
66/ 65	.2	1.5	1.8	.9	.5	.4	.1	.1	.0									625	625													1531	1448			
64/ 63	.1	1.1	1.3	.5	.4	.2	.1	.1	.0									433	433													1068	1385			
62/ 61	.0	.6	.9	.6	.4	.1	.1	.0										341	341													692	1135			
60/ 59	.0	.5	.6	.5	.4	.2	.1	.0										262	262													460	645			
58/ 57	.0	.3	.3	.4	.2	.1	.0											166	166													322	693			
56/ 55		.3	.3	.3	.2	.1	.0											147	147													280	444			
54/ 53		.1	.2	.2	.2	.1	.0											93	93													241	263			
52/ 51		.2	.2	.2	.1	.1												80	80													156	223			
50/ 49	.0	.0	.3	.2	.1	.0												65	65													135	206			
48/ 47			.1	.1	.0													24	24													85	178			
46/ 45			.1	.0	.0													15	15													95	124			
44/ 43			.0	.1	.0													14	14													40	107			
42/ 41			.0	.0	.0													7	7													26	89			
40/ 39			.0															1	1													13	63			
38/ 37																																	12	62		
36/ 35																																	6	44		
34/ 33																																		21		
32/ 31																																		20		
30/ 29																																		17		
28/ 27																																		13		
26/ 25																																		2		
TOTAL	2.3	16.4	22.3	20.8	17.0	12.5	6.2	1.9	.5	.1	.0							11639	11639													11639	11639			
Element (X)	Σx²			Σx			Σ			Σx			Σx			Σx			Σx			Σx			Σx			Σx			Σx			Σx		
Rel. Hum.	67071480			869548			74.7			13.457			11639			Σ 0 F			Σ 32 F			Σ 67 F			Σ 73 F			Σ 80 F			Σ 93 F			Total		
Dry Bulb	60382863			834311			71.7			7.044			11639									579.4			365.5			79.1						720		
Wet Bulb	51211615			768315			66.0			6.512			11639									400.7			82.1			.1						720		
Dew Point	46588359			730743			62.8			7.807			11639									3.2			263.3			26.2						720		

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM AIR OSCILLIT JUL 64

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43,56-70

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
86/ 85								.0	.0	.0									4	4						
84/ 83						.0	.1	.1	.1	.0									30	30						
82/ 81					.1	.4	.5	.2	.0	.0									135	135						
80/ 79				.0	.7	1.3	1.3	.4	.1	.0									457	457						
78/ 77				.3	1.1	2.0	1.3	.6	.1	.0	.0								652	652						
76/ 75	.0	.3	1.4	1.9	1.7	1.3	.7	.2	.1	.0									908	908	32	3				
74/ 73	.0	.8	2.7	2.3	1.4	1.2	.8	.2	.1	.0									1130	1130	275	31				
72/ 71	.1	1.8	3.7	2.7	1.4	1.3	.6	.1	.0	.0	.0								1326	1326	784	303				
70/ 69	.6	2.2	2.5	2.3	1.7	1.0	.5	.1	.1	.1	.0								1317	1317	1377	741				
68/ 67	.6	2.0	2.3	1.6	1.0	.7	.3	.1	.1	.1	.0								1087	1087	1423	1171				
66/ 65	.5	2.1	2.2	1.3	1.0	.4	.2	.1	.1	.0									957	957	1316	1307				
64/ 63	.4	1.6	1.7	1.0	.5	.3	.2	.1	.1	.0									707	707	1173	1182				
62/ 61	.4	1.6	1.4	1.1	.4	.3	.2	.1	.0										650	650	1144	1005				
60/ 59	.4	1.0	1.7	.8	.6	.2	.2	.1	.0										568	568	830	736				
58/ 57	.0	.8	1.4	.7	.3	.2	.1	.0	.0										409	409	674	895				
56/ 55	.0	1.0	1.4	.5	.4	.2	.1	.0											427	427	585	735				
54/ 53	.0	1.0	.8	.6	.3	.1	.1	.0											345	345	517	680				
52/ 51	.0	.5	.7	.4	.2	.1	.1												226	226	483	595				
50/ 49	.0	.4	.6	.3	.2	.0	.0												227	227	338	487				
48/ 47	.0	.2	.5	.3	.1	.0	.0												118	118	308	319				
46/ 45	.0	.2	.2	.2	.1	.1													70	70	221	298				
44/ 43	.0	.2	.2	.1	.0	.0													57	57	162	251				
42/ 41	.0	.1	.2	.1	.0														47	47	104	218				
40/ 39		.1	.1	.1															33	33	63	183				
38/ 37		.0	.1																12	12	53	150				
36/ 35		.0	.0																3	3	22	130				
34/ 33																					17	100				
32/ 31																					1	63				
30/ 29																						39				
28/ 27																						33				
26/ 25																						16				
24/ 23																						15				
22/ 21																						6				
20/ 19																						2				
Element (X)	ΣX <sup>2</sup>			ΣX			̄X	σ <sub>X</sub>	No. Obs.			Mean No. of Hours with Temperature										Total				
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																										
Wet Bulb																										
Dew Point																										

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

ALL

HOURS (L, S, T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01-A)

FORM 1-1

USAFETAC

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

44, 57, 70  
YEARS

JAN  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
76/ 75		.1	.1	.1																	4	4		
74/ 73		1.0	2.6	.7																	64	64	2	
72/ 71	.1	2.6	3.2	1.7	.1																108	108	32	14
70/ 69	.1	3.7	4.9	2.0	.9																157	157	91	55
68/ 67	1.3	5.7	4.4	1.6	.9	.1															194	194	150	120
66/ 65	1.1	4.0	4.2	1.4	.9	.4	.1														164	164	175	156
64/ 63	.9	4.6	2.3	1.4	.3	.1															126	126	138	143
62/ 61	.4	3.9	1.9	.8	.1																99	99	150	152
60/ 59	.6	3.4	2.3	1.0	.4	.1															107	107	118	118
58/ 57	.1	2.4	1.6	.9	.4	.1															77	77	93	106
56/ 55	.1	2.6	2.0	.6	.3																81	81	86	94
54/ 53	.1	1.3	1.6	.6	.2																54	54	75	72
52/ 51	.1	1.1	1.4	.9																	49	49	59	82
50/ 49	.1	.1	.3	1.0	.1	.1															31	31	51	49
48/ 47		.4	.6	.6																	25	25	44	52
46/ 45		.1	.6	.5																	18	18	32	28
44/ 43			.3	.4																	9	9	20	36
42/ 41		.1	.4	.1	.1	.1															11	11	18	24
40/ 39		.1	.3	.1																	10	10	12	21
38/ 37		.1	.3																		5	5	12	14
36/ 35		.1																			2	2	7	19
34/ 33																							10	10
32/ 31																								11
30/ 29																								11
28/ 27																								4
26/ 25																								1
22/ 21																								1
20/ 19																								1
18/ 17																								1
TOTAL	4.7	37.6	35.8	16.3	4.7	.9	.1														1395	1395	1395	
																					1395		1395	
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature												Total	
Ref. Hum.	9790592		115880		82.1		10.641		1394		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							93	
Dry Bulb	5550038		87334		62.6		7.692		1395				35.1	4.5									93	
Wet Bulb	5029376		83002		59.5		8.070		1395				18.3	.1									93	
Dew Point	4698786		79898		57.3		9.380		1395				2.0	12.6									93	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

44, 57-70

YEARS

JAN  
MONTH

PAGE 1

0600-0800  
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb		Wet Bulb	Dew Point			
76/ 75			.1	.4														7	7					
74/ 73		.8	1.2	.2														31	31	2	1			
72/ 71	.2	2.7	4.2	.7	.1	.1												113	113	22	8			
70/ 69	.4	4.7	3.9	1.9	.9	.1												165	165	88	58			
68/ 67	1.3	4.2	2.9	1.1	.5													140	140	159	103			
66/ 65	1.5	3.2	2.7	1.1	.4	.1												125	125	141	164			
64/ 63	1.4	4.0	1.7	1.1	.4	.1												122	122	123	116			
62/ 61	.9	3.7	1.9	.6	.2													102	102	139	120			
60/ 59	.9	3.8	1.9	1.0	.1													108	108	103	109			
58/ 57	.6	4.2	2.1	.4		.2												106	106	106	94			
56/ 55	.2	2.9	1.7	.4	.2	.1												78	78	110	122			
54/ 53	.1	1.9	1.3	.6	.3													60	60	71	87			
52/ 51	.2	1.3	1.3	.3	.1	.1												46	46	61	67			
50/ 49	.3	1.4	1.4	1.0														56	56	52	70			
48/ 47	.2	1.2	.9	.6														41	41	50	46			
46/ 45	.1	.6	.6	.5														28	28	44	41			
44/ 43		.2	.4															9	9	37	38			
42/ 41	.1	.7	.7	.2	.1													25	25	20	29			
40/ 39		.3	.4	.1	.1													13	13	21	27			
38/ 37	.1	.4		.2														10	10	15	27			
36/ 35		.3	.2															7	7	14	23			
34/ 33		.1																2	2	9	14			
32/ 31																				5	8			
30/ 29																					12			
28/ 27																					3			
26/ 25																					4			
24/ 23																					1			
22/ 21																					2			
TOTAL	8.6	42.8	32.0	12.5	3.5	.6												1394	1394	1394	1394			
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	10189903		118323		84.9		10.259		1394		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total	
Dry Bulb	5291975		85053		61.0		8.581		1394						30.4		2.5						93	
Wet Bulb	4843727		81263		58.3		8.744		1394						.3		18.1		.1				93	
Dew Point	4551107		78471		56.3		9.801		1394						2.0		11.3		.1				93	

USAFETAC FORM 0-26-5 (OL A) JUL 64



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

44,57-70

JAN

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
84/ 83							.1												1	1							
82/ 81				.1	.1	.2	.1												8	8							
80/ 79			.1	.3	2.0	.5	.2												46	46							
78/ 77		.1	.6	3.2	3.3	1.1	.4	.1											122	122							
76/ 75		.1	2.0	4.5	3.1	1.8	.5	.2	.1										172	172	7						
74/ 73		.4	2.9	3.9	3.2	1.4	.5	.1											178	178	33						
72/ 71	.1	1.5	1.9	2.2	1.7	1.4	.7	.1											136	136	140						
70/ 69	.2	1.1	2.2	1.5	2.2	1.2	.4		.1										125	125	189						
68/ 67	.4	1.1	1.9	1.5	1.1	.6	.4												97	97	163						
66/ 65	.1	.6	2.1	1.0	1.3	1.0	.1	.1											88	88	133						
64/ 63	.3	.9	1.2	1.5	.9	.7	.1												78	78	117						
62/ 61	.1	.9	.9	1.4	.6	.5	.1	.1											66	66	117						
60/ 59	.2	.6	1.6	1.6	1.0	.4													74	74	90						
58/ 57		.6	.4	.6	1.0	.4	.1	.1											49	49	73						
56/ 55	.1	.6	.6	1.0	.4	.4	.2												46	46	83						
54/ 53		.3	.4	.6	.2	.1	.1												24	24	53						
52/ 51	.1	.1	.4	.6	.6	.2													28	28	44						
50/ 49	.1		.2	.7	.2	.1													19	19	38						
48/ 47			.3	.5	.3		.1												16	16	27						
46/ 45			.1	.1	.1	.1													6	6	23						
44/ 43			.1	.2	.2														8	8	22						
42/ 41			.2	.1	.1														5	5	16						
40/ 39			.1	.1															2	2	10						
38/ 37				.1															1	1	9						
36/ 35																					4						
34/ 33																					2						
32/ 31																											
30/ 29																											
28/ 27																											
26/ 25																											
24/ 23																											
22/ 21																											
20/ 19																											
Element (X)	Σ X <sup>2</sup>			Σ X			X̄			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature											
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 0-26-5 (OL A) JUL 54

USAFETAC

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

0900-1100  
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

445770

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83					.2	.3	.2		.1									11	11						
82/ 81					1.6	1.6	1.0	.3										64	64						
80/ 79			.1	1.6	5.4	3.5	1.5	.9	.4	.1								189	189						
78/ 77			.5	1.9	5.2	3.9	1.7	1.0	.2	.1								202	202						
76/ 75			.6	2.8	3.7	3.6	2.7	.8	.1	.1								202	202	8	1				
74/ 73		.1	.8	1.5	2.2	2.4	1.9	.7	.3	.1								138	138	72	6				
72/ 71		.3	.6	1.2	1.6	2.9	2.2	.6	.2									134	134	156	37				
70/ 69	.5	.2	.6	1.5	1.4	2.4	1.4	.8	.1									126	126	210	98				
68/ 67		.6	.8	.8	1.3	1.6	.8	.4	.1	.1								92	92	153	158				
66/ 65	.4	.4	.5	.4	.8	1.0	.9	.3										64	64	163	165				
64/ 63	.1	.1	.3	.3	.4	.9	.4		.1									37	37	132	117				
62/ 61			.1	.4	.7	.7	.4	.2										36	36	130	115				
60/ 59	.1	.4		.1	.6	.2	.2	.2										27	27	95	108				
58/ 57				.2	.6	.2	.4	.3	.1									25	25	71	93				
56/ 55		.1	.1	.2	.1	.3	.3	.1										17	17	55	103				
54/ 53		.1		.1	.2	.1	.1	.1										12	12	39	87				
52/ 51		.1		.1		.2												5	5	31	48				
50/ 49				.1	.1	.1	.4											8	8	17	53				
48/ 47					.1	.1	.1											3	3	17	43				
46/ 45				.1		.1												3	3	15	42				
44/ 43																				11	28				
42/ 41																				8	20				
40/ 39																				7	8				
38/ 37																				5	5				
36/ 35																					11				
34/ 33																					10				
32/ 31																					7				
30/ 29																					6				
28/ 27																					6				
26/ 25																					6				
24/ 23																					5				
22/ 21																					2				
20/ 19																					6				
18/ 17																					1				
Element (X)	Σ X <sup>2</sup>			Σ X			X̄			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-1.5 (O.L.A.)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

<u>12826</u> STATION	<u>HOMESTEAD AFB FLORIDA</u> STATION NAME
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44, 57-70

YEARS

JAN  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

44,57-70  
YEARS

JAN  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83					.1	.1	.1											4	4						
82/ 81					.7	.6	.4	.1										26	26						
80/ 79			.2	.9	3.7	2.1	.8	.3	.1	.1								113	113						
78/ 77		.1	.4	3.2	4.1	2.7	1.1	.8	.1	.1								176	176						
76/ 75		.1	.9	4.3	4.7	3.0	1.4	.8	.1	.1								215	215	7	2				
74/ 73			1.4	3.1	4.5	2.2	1.8	.9	.2									196	196	44	2				
72/ 71	.1	.4	1.1	1.9	2.7	2.5	1.7	.5	.1	.1								156	156	140	28				
70/ 69	.4	.5	.8	2.2	3.1	3.2	1.4	.9										173	173	207	92				
68/ 67	.1	.4	1.1	1.1	1.5	1.7	.9	.6	.1	.1								106	106	175	162				
66/ 65	.1	.5	.9	.4	1.1	1.5	.8	.1	.1	.1								79	79	173	165				
64/ 63	.1	.1	.1	.1	.5	1.0	.7	.4	.4									47	47	136	115				
62/ 61		.4		.1	.5	.4	.1	.1	.3									27	27	149	157				
60/ 59		.1	.2	.1	.2	.3	.1	.1	.1									17	17	101	98				
58/ 57			.1	.1	.2	.3	.4	.7										24	24	66	100				
56/ 55			.1	.4	.2	.1		.3										17	17	57	91				
54/ 53				.1	.1	.1	.1	.1										7	7	39	86				
52/ 51						.1	.2	.1										6	6	20	64				
50/ 49					.1		.2											5	5	24	38				
48/ 47					.1													1	1	19	44				
46/ 45																				9	29				
44/ 43																				12	25				
42/ 41																				8	17				
40/ 39																				7	13				
38/ 37																				2	6				
36/ 35																					13				
34/ 33																					6				
32/ 31																					5				
30/ 29																					8				
28/ 27																					5				
26/ 25																					6				
24/ 23																					7				
22/ 21																					7				
20/ 19																					3				
18/ 17																					1				
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

1500200  
HOURS (L E T)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

43-44-57-70  
YEARS

FEB  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
76/ 75		.3	1.8	1.1	.1	.2												47	47						
74/ 73	.1	1.6	2.4	2.7	.1													94	94	8	1				
72/ 71	.7	2.1	2.8	2.4	.2													111	111	73	38				
70/ 69	.9	3.3	2.9	2.4	.9	.1												142	142	119	86				
68/ 67	1.1	3.2	2.8	1.3	.5	.1												123	123	120	111				
66/ 65	1.5	4.0	2.7	.5	.6													125	125	143	141				
64/ 63	.6	2.7	3.7	1.6	.5	.2												127	127	128	102				
62/ 61	.2	3.4	2.4	1.5	.5	.1		.1										111	111	107	126				
60/ 59	.4	3.5	2.4	2.1	.4		.1											121	121	119	89				
58/ 57	.2	3.2	3.0	1.3	.4	.1												111	111	105	116				
56/ 55	.1	2.4	1.3	.5	.1	.2												63	63	108	98				
54/ 53	.1	1.0	1.2	.3	.4													41	41	96	92				
52/ 51		.3	1.2	.7	.2	.1												33	33	48	90				
50/ 49		.4	1.6	.7	.1	.1												40	40	37	40				
48/ 47	.1	.6	.8	.4	.1													28	28	38	45				
46/ 45		.3	.7	.4	.1	.1												20	20	39	42				
44/ 43	.1		.2	.4	.1	.1												12	12	25	30				
42/ 41			.1	.1	.1													2	2	18	20				
40/ 39		.1	.1															3	3	12	26				
38/ 37																				6	22				
36/ 35																				4	11				
34/ 33																				1	11				
32/ 31																					5				
30/ 29																					4				
28/ 27																					2				
26/ 25																					1				
24/ 23																					1				
16/ 17																					2				
16/ 15																					1				
TOTAL	6.1	32.6	33.9	20.4	5.5	1.4	.1	.1										1354	1354	1354	1354				
																		1354		1354					
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	9350288		111456		82.2	1.179	1354	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	5488862		85586		63.2	7.640	1354			32.1	8.7			84											
Wet Bulb	4943334		81088		59.9	8.026	1354			19.9	.5			84											
Dew Point	4605505		77933		57.6	9.416	1354		1.0	14.6	.1			84											

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUL 64

## PSYCHROMETRIC SUMMARY

43-44, 57-70

FFB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500  
HOURS (L. S. T.)

[illegible]



1

REF

YEARS

HOURS (L S T)

**USAFETAC**

1

## 1

**FEB**  
**MONTH**

0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**FEB**  
**MONTH**

1200-1400  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

**USAFETAC**

## PSYCHROMETRIC SUMMARY

YEARS

**FEB**  
**MONTH**

1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

FEB

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

FEB  
MONTH

PAGE 2      1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**FEB**  
**MONTH**

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

43-44, 57-70

**FREE**  
**MONTH**

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

**USAFETAC**

## PSYCHROMETRIC SUMMARY

MAR

[illegible]

## PSYCHROMETRIC SUMMARY

MAR

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-44-57-70

MAR

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87							.1											1	1					
86/ 85						.2	.1											5	5					
84/ 83				.1	.1	1.1	.6	.1										28	28					
82/ 81				.5	2.2	1.9	.9	.3				.1						86	86					
80/ 79			.5	3.2	4.5	3.1	1.7	.1	.1	.1								193	193					
78/ 77		.3	1.1	3.7	3.9	4.0	1.1	.5	.1									219	219	1				
76/ 75		.5	2.2	2.2	4.6	2.3	2.6	.5		.1		.1						226	226	43	2			
74/ 73		.6	1.3	2.6	3.4	2.1	1.7	.4	.1									182	182	138	29			
72/ 71		.5	.7	1.6	2.5	2.8	1.3	.2			.1							145	145	219	96			
70/ 69	.1	.4	.7	1.1	1.5	1.1	1.1	.1		.1								90	90	202	166			
68/ 67	.1	.1	.9	.7	.9	1.0	.7	.1	.1	.1								71	71	163	165			
66/ 65	.1	.2	.9	.6	.7	.7	.3	.1	.1									54	55	150	166			
64/ 63		.3	.4	.4	.5	.7	.6	.1	.1									46	46	152	136			
62/ 61			.2	.1	.6	.9	.3	.1										37	38	118	122			
60/ 59	.1	.1		.3	.7	.5	.2	.1	.1									37	37	67	104			
58/ 57	.1	.2		.3	.3	.6	.1	.1										29	29	48	110			
56/ 55			.2	.3	.2	.4	.1											19	19	26	85			
54/ 53				.2	.3	.2	.1											14	14	43	54			
52/ 51				.1		.1												2	2	41	42			
50/ 49						.1												1	1	27	38			
48/ 47					.1													1	1	23	34			
46/ 45																				15	26			
44/ 43																				6	23			
42/ 41																				4	20			
40/ 39																					16			
38/ 37																					17			
36/ 35																					9			
34/ 33																					12			
32/ 31																					3			
30/ 29																					6			
28/ 27																					1			
26/ 25																					1			
24/ 23																					2			
22/ 21																					1			
Element (X)	Σ X'			Σ X			Σ	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]





DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-44, 57-70

MAR  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1	.2	.1	.1						7	7		
86/ 85					.1	.3	.7	.2	.1	.1	.1							26	26		
84/ 83					.3	1.6	1.3	.8	.1	.1	.1							66	66		
82/ 81				.7	2.6	3.5	2.4	.5	.2	.1	.1							150	150		
80/ 79			.1	2.0	4.6	5.1	2.5	.7	.2	.3	.1							232	232		
78/ 77			.8	2.0	4.2	4.0	2.1	.9	.3	.1	.1							215	215	2	
76/ 75			1.0	2.1	2.8	3.2	2.7	.9	.5	.1	.1							200	200	35	
74/ 73		.3	1.1	1.3	3.4	3.1	2.4	.7	.5	.1	.2							195	195	144	10
72/ 71	.1	.1	.8	.9	2.1	2.0	1.8	.6	.2	.1		.1						130	132	211	91
70/ 69	.3	.2	.5	.7	.7	1.5	1.8	1.0	.5	.1	.1							109	110	242	136
68/ 67		.3	.3	.4	.1	.8	1.2	.5	.2									56	56	172	192
66/ 65		.1	.3	.1	.3	.3	1.1	1.1	.2									52	52	172	165
64/ 63			.1	.1	.2	.2	.3	.3	.1									19	19	155	165
62/ 61	.1	.2	.1	.2	.1	.2	.3											19	19	93	114
60/ 59						.1	.1	.1										5	5	73	131
58/ 57							.1	.1										2	2	57	105
56/ 55					.1													1	1	45	60
54/ 53																				38	61
52/ 51																				29	60
50/ 49																				9	36
48/ 47																				4	31
46/ 45																				2	28
44/ 43																				1	27
42/ 41																					19
40/ 39																					20
38/ 37																					14
36/ 35																					4
34/ 33																					7
32/ 31																					1
30/ 29																					2
28/ 27																					1
26/ 25																					3
24/ 23																					1
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) JUL 64  
USAFETAC

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### PSYCHROMETRIC SUMMARY

MAR  
MONTH

PAGE 2

1500-1700  
HOURS (L.S.T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-44, 57-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
84/ 83									.1		.1							2	2				
82/ 81				.1	.3	.3	.1	.1	.1	.1								15	15				
80/ 79			.1	1.1	1.3	.3	.2	.1										48	48				
78/ 77		.1	1.6	3.2	2.5	1.3	.2	.1	.1									136	136				
76/ 75	.1	.7	4.6	4.8	2.7	1.1	.7	.1	.1									220	220	7	2		
74/ 73		.9	3.6	5.2	4.7	1.5	.5	.1										246	246	74	9		
72/ 71		.7	3.4	4.3	3.6	2.0	.2	.1	.1	.1								215	215	180	79		
70/ 69	.1	.4	2.2	4.8	3.8	1.5	.9	.1		.1								207	207	192	148		
68/ 67	.5	.5	1.4	2.4	2.8	1.4	.4		.3									144	146	229	164		
66/ 65		.4	.5	.8	1.3	1.6	.6	.3		.1								84	84	177	176		
64/ 63	.1	.1	.3	.9	1.2	.7	.3	.1	.1									57	57	173	170		
62/ 61		.1	.5	.7	.6	.7	.3	.1										44	44	125	136		
60/ 59			.1	.9	.8	.4	.3											36	36	80	110		
58/ 57		.1	.1	.3	.3	.3		.1										18	18	67	107		
56/ 55		.1	.1	.1	.1	.1	.1											10	10	63	89		
54/ 53				.2			.1											4	4	49	62		
52/ 51																				37	43		
50/ 49																				21	58		
48/ 47																				9	29		
46/ 45																					27		
44/ 43																				3	27		
42/ 41																					14		
40/ 39																					10		
38/ 37																					12		
36/ 35																					6		
34/ 33																					1		
32/ 31																					2		
30/ 29																					3		
28/ 27																					1		
TOTAL	.9	4.2	18.4	30.0	26.0	17.3	4.8	1.3	.7	.3	.1							1486	1486	1486			
																		1486		1486			
Element (X)	Σx²		Σx		X̄		s²		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.	7618040		104868		70.6		12.100		1486		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				93			
Dry Bulb	7569867		105849		71.1		5.205		1486				77.2	41.7	2.2					93			
Wet Bulb	6273749		96129		64.7		6.096		1486				42.7	5.1						93			
Dew Point	5581510		90256		60.7		8.189		1486				.4	25.2	.8					93			

USAFETAC FORM 0-26-5 (OL. 1) JUL 64

## PSYCHROMETRIC SUMMARY

YEARS

MAR  
MONTH

PAGE 1

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HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

APR

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-44, 57-7C

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.3	.6	.6	.1													24	24		
76/ 75	.1	3.3	3.5	2.9	.6													151	151	14	10
74/ 73	.1	4.6	6.8	4.8	2.2	.1												268	268	74	37
72/ 71	.8	5.9	3.6	5.7	2.1	.8	.1											272	272	170	114
70/ 69	1.4	4.2	3.7	4.1	1.7	1.1	.3											239	239	253	190
68/ 67	1.3	3.3	4.3	1.9	.7	1.0												177	177	229	193
66/ 65	.4	1.4	2.1	1.6	.4													88	88	196	180
64/ 63	.1	1.0	1.8	.6	.2	.1												55	55	139	165
62/ 61	.1	1.3	1.4	1.4	.4													66	66	112	138
60/ 59	.2	1.2	.6	1.0	.3													46	46	88	109
58/ 57		.8	.4	.3	.1													22	22	65	85
56/ 55		.2	.5	.4	.2													20	20	44	68
54/ 53			.1	.1	.1													2	2	21	47
52/ 51		.1	.1		.1													5	5	15	41
50/ 49			.2		.1													4	4	11	28
48/ 47					.1													1	1	3	15
46/ 45																				3	8
44/ 43																				1	5
42/ 41																				1	2
40/ 39																				1	2
38/ 35																					1
32/ 31																					1
30/ 29																					1
TOTAL	4.7	27.6	29.5	25.3	9.1	3.2	.4											1440	1440	1440	1440
			</																		

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0-26-5 (OL A)

FORM

JUL 64

USAFETAC





DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-44, 57-70

APR  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1	.2	.1										7	7		
86/ 85						.6	1.5	.4	.1									38	38		
84/ 83			.1	.2	1.7	2.8	.8	.4	.1									89	89		
82/ 81			.3	1.9	4.4	3.6	1.7	.8	.1		.1							186	186		
80/ 79		.1	.3	5.2	5.0	6.2	3.2	.7	.2			.1						303	303	3	
78/ 77		.3	1.3	5.0	6.5	5.7	3.1	.5	.2	.1	.1							332	332	16	5
76/ 75	.1	.3	.6	1.8	4.4	4.0	3.1	.6	.2	.1	.1	.1						220	220	103	12
74/ 73	.1	.1	.3	1.2	1.0	2.2	2.2	1.0	.3	.1								122	122	236	64
72/ 71		.1	.2	.3	.8	1.0	.9	.3	.1	.1								56	56	247	145
70/ 69		.3	.2	.5	.6	.4	.6	.3	.1	.1								44	44	270	192
68/ 67		.1	.1	.3	.2	.3	.2	.1	.1									22	22	191	214
66/ 65		.1	.1	.1	.1	.1	.2	.1	.1									14	14	115	199
64/ 63				.2		.1												4	4	104	151
62/ 61			.1				.1											2	2	71	118
60/ 59							.1													31	100
58/ 57																				4	68
56/ 55																				12	52
54/ 53																				8	34
52/ 51																				3	24
50/ 49																				2	17
48/ 47																				1	18
46/ 45																					6
44/ 43																					5
42/ 41																					3
40/ 39																					5
38/ 37																					1
36/ 35																					3
34/ 33																					4
TOTAL	.1	1.8	3.7	16.9	24.7	27.2	17.8	5.3	1.7	.5	.2	.1						1440	1440	1440	1440
												</									

USAFETAC FORM 0-26-5 (OLA) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-44, 57-70

APR

STAT. ON

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85				.1	.2	.3	.1	.2	.1										5	5				
84/ 83				.3	.4	.5	.1	.3		.1									17	17				
82/ 81			.1	.3	1.4	.8	.5	.1	.1										48	48				
80/ 79		.1	.8	2.7	2.7	1.5	.8	.1	.1	.1									127	127				
78/ 77		.3	2.8	6.5	4.9	2.2	.7		.1					.1					253	253	6			
76/ 75		1.5	5.8	8.3	6.5	2.6	.8	.2	.3										377	377	35	11		
74/ 73		.8	3.4	6.0	5.6	3.1	1.2	.6	.1		.1								299	299	174	47		
72/ 71		.8	1.2	1.9	4.2	3.1	.7	.2	.1	.1									177	177	258	139		
70/ 69	.1	.1	.2	1.1	1.4	1.3	.6	.3											76	76	288	204		
68/ 67		.3	.2	.6	.8	.5	.2	.1											38	38	221	218		
66/ 65			.1	.1	.6	.1	.1												15	15	150	188		
64/ 63				.1	.1	.1		.1											5	5	133	169		
62/ 61							.1												1	1	84	115		
60/ 59																					49	107		
58/ 57					.1														1	1	22	84		
56/ 55																					13	51		
54/ 53																					4	38		
52/ 51																						29		
50/ 49																					3	13		
48/ 47																						14		
46/ 45																						5		
44/ 43																						1		
42/ 41																						2		
36/ 35																						3		
34/ 33																						1		
32/ 31																						1		
TOTAL	.1	3.8	14.6	27.7	28.5	16.0	6.0	2.1	.8	.3	.1		.1						1440	1440	1440	1440		
Element (X)	ΣX <sup>2</sup>		ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	7334467		101461		70.5		11.227		1440		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F			
Dry Bulb	8099302		107879		74.9		3.481		1440						88.6		70.4		7.6					
Wet Bulb	6693374		97958		68.0		4.433		1440						81.4		13.4							
Dew Point	6017361		92633		64.3		6.229		1440						.1		38.7		3.6					

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## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]





## PSYCHROMETRIC SUMMARY

43-45, 57-70

YEARS

MAY  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

43-45, 57-70

MAY  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]



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## JM

YEARS

PAGE 1

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0-25-5 (OL A)

**USAFETAC**

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-45, 57-70

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81			.1	1.4	.1													24	24					
80/ 79		.2	2.3	3.4	2.4	.3												135	135					
78/ 77	.4	1.6	7.6	8.5	4.5	.6												365	365	19	8			
76/ 75	.2	4.0	9.0	8.5	4.3	1.8	.1											441	441	120	39			
74/ 73	.2	4.7	5.7	4.9	5.2	.7	.1											357	357	295	173			
72/ 71	.1	1.5	2.3	2.5	2.3	.4												143	143	412	277			
70/ 69	.1	.8	1.1	1.5	.8	.2												71	71	299	314			
68/ 67	.1	.3	.7	.5	.4													29	29	163	262			
66/ 65			.2	.1	.1													7	7	170	154			
64/ 63			.2	.1	.2													7	7	57	114			
62/ 61			.1															2	2	34	123			
60/ 59																				6	67			
58/ 57																				5	30			
56/ 55																				1	9			
54/ 53																					5			
52/ 51																					4			
TOTAL	1.2	13.2	30.3	30.9	20.3	3.4	.2											1581	1581	1581	1581			

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0-26-5 (OL A)

FORM 54

USAFETAC

# 1

## YEARS

JUN

STATION NAME

MONTH

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM

**USAFETAC**

## PSYCHROMETRIC SUMMARY

43-45, 56-70

JUN  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

JUN

HOURS (L. S. T.)

[illegible]





## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

4 UN  
MONTH

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

43-45, 56-70

YEARS

JUN  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

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0-26-5 (01 A1

FORM 1041-1

USAFETAC

## PSYCHROMETRIC SUMMARY

43-44, 56-70

YEARS

JUL  
MONTH

PAGE 1 0000-0200  
HOURS (L - S - T - )

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0-26-5 (DLA)

USAFETAC

## PSYCHROMETRIC SUMMARY

YEARS

JUL  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

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USAFETAC

## PSYCHROMETRIC SUMMARY

JUL

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

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JUL

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

43-44, 56-70

JUL

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

1

YEARS

JUL  
MONTH

HOURS (L S T)	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24

USAFETAC  
FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## YEARS

JUL  
MONTH

STATION

STATION NAME

YEARS

MONTH

1800-200  
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**0-26-5 (OL A)**

W2C  
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USAFETAC

## PSYCHROMETRIC SUMMARY

YEARS

JUL  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

USAFETAC  
FORM  
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0-26-5 (OLA)  
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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

<u>12826</u>	<u>HOMESTEAD AFB FLORIDA</u>
STATION	STATION NAME

43-45, 56-70

YEARS

**AUG**

MONTH

PAGE 1

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HOURS (L. S. T.)

[illegible]

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USAFETAC FORM 11-64

## PSYCHROMETRIC SUMMARY

43-45, 56-70

AUG  
MONTH

PAGE 1 C300-0500  
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OIA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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## YEARS

AUG  
MONTH

HOURS (L, S, T)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-26-5 (OL A)

FORM 11

USAFETAC



## PSYCHROMETRIC SUMMARY

12826	HOMESTEAD AFB FLORIDA
STATION	STATION NAME

43-45, 56-70

AUG  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

AUG  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEAR

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

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D-26-5 (OL A)

**Form**

USAFETAC

## PSYCHROMETRIC SUMMARY

YFARS

AUG  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

AUG  
MONTH

[illegible]

## PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

SEP

PAGE 1 0300-0500

[illegible]

## PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L, S, T.)

[illegible]



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
94/ 93							.1	.1	.1									4	4												
92/ 91						.1	1.4	1.1	.2	.3	.1							51	51												
90/ 89				.1	.1	3.7	7.4	2.2	.5	.1								225	226												
88/ 87			.1	.2	2.3	15.2	9.8	2.0	.1	.1								482	482												
86/ 85			.2	1.6	9.0	11.5	3.0	.4										411	411	1											
84/ 83			.7	2.3	4.4	2.1	.3	.1										160	160	2	1										
82/ 81		.1	1.2	1.8	1.6	.4	.1											82	83	18	2										
80/ 79		.6	1.6	1.5	.4	.1												65	66	263	12										
78/ 77	.1	1.3	1.9	.8	.1													68	68	674	93										
76/ 75	.2	1.2	.6															33	33	430	392										
74/ 73	.1	.9		.1														18	18	172	551										
72/ 71	.1	.1																4	4	45	371										
70/ 69																				2	124										
68/ 67																					41										
66/ 65																					13										
64/ 63																					4										
TOTAL	.6	4.2	6.3	8.3	18.1	33.0	22.0	5.9	.9	.6	.1							1604	1508	1604											

## PSYCHROMETRIC SUMMARY

SEP  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

FORM  
W 11 A 1

USAFETAC

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43-45,56-70

SEP  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89						.1	.1			.1									4	4				
88/ 87					.1	.5		.3	.1										15	15				
86/ 85				.3	2.4	2.2	.3	.1	.1										92	92				
84/ 83			.4	7.8	8.2	1.6	.3												288	288				
82/ 81		.1	5.2	16.0	7.1	1.2	.1												469	469				
80/ 79		1.5	12.9	8.3	2.8	.4													378	379	24	3		
78/ 77		2.8	5.5	2.0	.8	.2													178	178	414	48		
76/ 75	.2	3.7	2.0	.7	.2														107	107	644	369		
74/ 73	.4	1.4	.6	.1															40	40	334	605		
72/ 71	.2	.3	.1																8	8	132	333		
70/ 69	.1																		1	1	28	138		
68/ 67																					4	58		
66/ 65																						23		
64/ 63																						3		
TOTAL	.8	9.6	24.7	35.2	21.9	6.1	.9	.4	.2	.1									1580	1581	1580	1580		

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# 1

## YEARS

SEP  
MONTH

HOURS (L, S, T.)

**USAFETAC**

## PSYCHROMETRIC SUMMARY

YEARS

OCT  
MONTH

PAGE 1 0000-0200  
HOURS (L - S - T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

FORM

**JSAFETAC**

## PSYCHROMETRIC SUMMARY

43, 45, 56-70

PCT

STATION

STATION NAME

YFARS

MONTH

PAGE 1

0300-0500

HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

OCT  
MONTH

PAGE 1 0600-0800  
HJURS (L. S. T.)

[illegible]

**USAFETAC**  
FORM  
JUL 64  
**0-26-5 (OLA)**  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

DCT

STATION

STATION NAME

YEARS

MONTH

0900-1100

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

DCT  
MONTH

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

QCT  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

<u>12026</u> STATION	<u>HOMESTEAD AFB FLORIDA</u> STATION NAME
-------------------------	--

43, 45, 56-70

OCT  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

12826                      HOMESTEAD AFB FLORIDA  
STATION                      STATION NAME

43, 45, 56-70

GCT  
MONTH

YEARS

MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

USAFETAC  
FORM  
NO. AA  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

12026      HOMESTEAD AFB FLORIDA  
STATION      STATION NAME

43, 45, 56-70

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]





## PSYCHROMETRIC SUMMARY

12826	HOMESTEAL AFB FLORIDA
STATION	STATION NAME

43, 45, 56-70

NDV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87						.3	.4	.1										12	12					
86/ 85					.5	1.1	.6	.2	.1									39	39					
84/ 83			.1	.1	1.9	3.3	2.3	.4	.2									121	121					
82/ 81			.2	1.4	4.2	5.9	3.9	.6	.2									242	242					
80/ 79			.2	1.3	6.5	9.1	5.4	1.9	.5									362	362	1				
78/ 77		.1	.6	2.3	3.4	5.0	3.5	1.4	.3	.1								274	274	24				
76/ 75		.6	.8	.5	1.2	2.7	2.7	.5	.3									138	138	92				
74/ 73		.5	.8	.2	.9	1.6	1.0	.5	.3			.1						83	83	195				
72/ 71	.1	.2	.4	.3	.5	1.5	.6	.3	.1									61	61	280				
70/ 69		.2	.1	.1	.1	.5	.4	.1	.1									24	24	252				
68/ 67		.1			.3	.4	.3	.5	.1									26	26	201				
66/ 65		.2		.1	.3	.5	.1	.3	.1									25	25	143				
64/ 63		.1			.2	.5	.1	.1										15	15	85				
62/ 61					.1	.3	.2	.1										11	11	44				
60/ 59			.3		.1	.2	.1	.1										13	13	38				
58/ 57		.1		.1		.1	.1											5	5	31				
56/ 55						.1												1	1	16				
54/ 53						.1	.1											3	3	21				
52/ 51																				12				
50/ 49																				12				
48/ 47																				2				
46/ 45																				3				
44/ 43																				3				
42/ 41																								
40/ 39																				11				
38/ 37																				7				
36/ 35																				12				
34/ 33																				3				
32/ 31																				1				
30/ 29																				4				
TOTAL	.1	2.1	3.4	6.5	20.3	33.4	24.2	7.6	2.2	.1	.1							1455	1455	1455				
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5725122		89908		61.8		10.796		1455		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	8828822		113090		77.7		5.171		1455						85.5		78.6		37.2				90	
Wet Bulb	6836680		99402		68.3		5.611		1455						64.6		19.3		.1				90	
Dew Point	5899556		91988		63.2		7.595		1455						.4		34.8		4.7				90	

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV  
MCHM

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YFARS

NOV  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43,56-70

YEARS

DEC  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77							.1											1	1					
76/ 75	.1	.2	1.5	.5														30	30	1	1			
74/ 73	.2	.9	3.4	2.5	.3													108	108	5	1			
72/ 71	.1	3.1	4.1	2.2	1.1	.1												160	160	36	22			
70/ 69	.9	3.4	2.8	2.8	1.6	.2	.1											175	175	143	96			
68/ 67	1.0	3.2	3.6	1.7	.3	.1												146	146	160	145			
66/ 65	.8	3.5	4.2	1.5	.5	.1												158	158	148	129			
64/ 63	.7	3.4	1.9	.7	.3	.1												105	105	159	142			
62/ 61	.7	2.5	2.1	1.0	.2	.1												99	99	172	152			
60/ 59	.3	1.7	3.3	.7	.4	.1	.1											98	98	73	119			
58/ 57	.1	1.2	1.9	1.5	.2	.2												77	77	93	99			
56/ 55		2.2	2.6	.9	.5	.1												94	94	82	72			
54/ 53		1.5	1.6	1.1	.3	.1												69	69	86	89			
52/ 51		1.1	1.4	.8	.3	.1												56	56	79	80			
50/ 49		.6	1.3	1.0	.3	.1												49	49	60	71			
48/ 47		.4	.6	.7														25	25	58	49			
46/ 45		.1	.1	.6	.1													14	14	38	49			
44/ 43		.1	.3	.1	.1													8	8	29	43			
42/ 41		.1	.4	.2														11	11	13	34			
40/ 39			.1	.2														4	4	16	26			
38/ 37																				11	11			
36/ 35																					22			
34/ 33																				3	18			
32/ 31																					8			
30/ 29																					3			
28/ 27																					2			
26/ 25																					1			
24/ 23																					3			
TOTAL	4.9	29.5	37.1	20.5	6.5	1.3	.2											1467	1487	1487	1487			
Element (X)	Σx <sup>2</sup>		Σx		X		x <sub>1</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	10054258		121188		81.5		10.933		1487		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					Total			
Dry Bulb	6049536		94126		63.3		7.844		1487				38.7	8.7							93			
Wet Bulb	5424552		88987		59.8		8.173		1487				22.8	.4							93			
Dew Point	5029158		85312		57.4		9.519		1487			1.1	16.6	.1							93			

FORM 0-20-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43,56-70

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
78/ 77			.1																	1	1			
76/ 75			1.2	.5																26	26			
74/ 73		.9	2.7	1.5	.3		.1													82	82	3		
72/ 71	.2	2.2	3.1	2.8	.4	.1														131	131	53	23	
70/ 69	.9	2.9	3.1	2.0	1.1		.1													151	151	103	78	
68/ 67	1.1	3.7	4.0	1.4	.5															160	160	152	114	
66/ 65	.9	3.5	2.9	.6	.1															120	120	157	137	
64/ 63	.7	3.2	2.9	.6																109	109	143	141	
62/ 61	1.0	4.6	2.2	.7																127	127	153	137	
60/ 59	.5	2.3	2.4	.9																90	90	114	130	
58/ 57	.1	1.7	2.9	.6																79	79	77	106	
56/ 55	.1	2.1	3.4	.4																88	88	76	86	
54/ 53	.1	3.1	1.9	.5	.1															85	85	88	66	
52/ 51	.1	.9	1.4	.8	.1	.1														52	52	99	102	
50/ 49	.1	1.5	2.2	.9	.2	.1														74	74	49	82	
48/ 47		.6	1.0	.5	.1															33	33	61	51	
46/ 45	.1	.5	.5	.2	.1															20	20	48	47	
44/ 43	.1	.9	.6																	23	23	37	39	
42/ 41	.1	.3	.2	.2																12	12	30	38	
40/ 39		.6	.2	.1																14	14	17	33	
38/ 37		.2	.3																	8	8	14	26	
36/ 35		.1	.1																	3	3	7	12	
34/ 33																						6	19	
32/ 31																						1	7	
30/ 29																							8	
28/ 27																							3	
26/ 25																							2	
24/ 23																							1	
TOTAL	6.0	35.7	39.2	15.3	3.2	.3	.1													1488	1488	1488	1488	
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	10556765		124507		83.7		9.660		1488		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	5790651		91927		61.8		8.659		1488						34.4		6.8						93	
Wet Bulb	5253390		87470		58.8		8.662		1488						.1		19.4		.2				93	
Dew Point	4913893		84315		56.7		9.575		1488						1.3		13.4						93	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



## PSYCHROMETRIC SUMMARY

YEARS

**MONTH**

' HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FLORIDA

43, 56-70

DEC

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85							.1		.1									2	2						
84/ 83					.1	.5	.5	.3		.1								22	22						
82/ 81				.1	1.8	2.4	1.0	.1		.1								83	83						
80/ 79				1.7	4.6	5.8	2.3	.3		.3								224	224						
78/ 77			.7	2.3	4.4	4.9	3.0	.7		.1	.1							240	240						
76/ 75		.2	.5	2.0	3.6	5.1	2.9	.7		.3								230	230	11					
74/ 73		.1	.5	1.1	2.6	3.7	3.0	1.3		.2	.1							185	185	89	7				
72/ 71		.4	.4	1.1	.5	3.5	1.9	.5		.3								129	129	181	50				
70/ 69	.1		.3	.5	.5	2.2	1.9	.5		.4	.3							98	98	233	99				
68/ 67	.4	.1	.1	.1	.9	1.7	.5	.5		.5	.1	.1						88	88	177	153				
66/ 65	.1	.2	.3	.3	.9	.9	.5	.5		.6	.1							63	63	183	188				
64/ 63		.2	.1	.1	.1	.4	.3	.3		.3								34	34	119	139				
62/ 61		.3	.1	.1	.1	.3	.3	.3		.1								28	28	140	128				
60/ 59		.5	.1	.1	.4	.5	.5	.1										33	33	99	114				
58/ 57		.1		.1	.1	.2	.1	.1										11	11	68	116				
56/ 55					.1	.1	.1	.1										6	6	55	104				
54/ 53						.1	.1	.1										6	6	25	90				
52/ 51					.1	.1												2	2	41	61				
50/ 49							.1											2	2	27	51				
48/ 47					.1	.1												2	2	19	38				
46/ 45																				7	18				
44/ 43																				5	16				
42/ 41																				4	22				
40/ 39																				3	12				
38/ 37																				2	21				
36/ 35																					18				
34/ 33																					12				
32/ 31																					8				
30/ 29																					3				
28/ 27																					6				
26/ 25																					4				
24/ 23																					4				
22/ 21																					3				
20/ 19																					1				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

USAFETAC  
FORM 0-26-5 (OLA)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85									.1	.1								2	2					
84/ 83					.1			.3	.1									7	7					
82/ 81				.1	.5	.7	.8	.1	.1									28	28					
80/ 79				1.9	3.2	2.4	.8	.3										128	128					
78/ 77			.8	3.0	6.5	3.2	1.0	.3	.1	.1								223	223					
76/ 75			1.5	4.2	5.2	2.9	1.9	.3	.2									242	242					
74/ 73		.1	1.2	3.2	4.2	4.4	2.5	.3	.3									242	242	65				
72/ 71	.1	.3	.7	1.5	2.6	3.7	1.6	.5	.1	.2	.1							170	170	162				
70/ 69	.2	.3	.3	1.3	2.4	2.6	1.7	.3	.3	.3	.1							155	155	229				
68/ 67	.1	.2	.5	.6	1.9	1.9	.7	1.2	.3	.3								118	118	195				
66/ 65	.3	.3		.2	1.2	1.1	.6	.4	.3									66	66	172				
64/ 63		.2		.4	.5	.5	.5	.6	.3									37	37	153				
62/ 61		.1	.1	.1	.3	.3	.4	.2	.1									30	30	138				
60/ 59		.2			.2	.2	.4	.1	.1									18	18	113				
58/ 57		.2				.1	.3	.1	.1									12	12	72				
56/ 55		.1				.1	.1											3	3	47				
54/ 53						.1	.2											4	4	53				
52/ 51																				26				
50/ 49																				24				
48/ 47							.2											3	3	14				
46/ 45																				8				
44/ 43																				3				
42/ 41																				5				
40/ 39																				16				
38/ 37																				19				
36/ 35																				2				
34/ 33																				1				
32/ 31																				10				
30/ 29																				7				
28/ 27																				4				
26/ 25																				7				
24/ 23																				2				
22/ 21																				2				
20/ 19																				1				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_X$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL-A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					2
16/ 15																					1
12/ 11																					1
TOTAL	.7	1.9	5.3	16.0	29.0	24.4	13.8	5.3	2.6	.8	.2								1488		1488
																		1488		1488	
											</										

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43,56-70  
YEARS

DEC  
MONTH

PAGE 1

1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
78/ 77			.1	.2	.1	.1												8	8						
76/ 75		.9	2.8	2.9	.6													107	107						
74/ 73	.1	1.3	5.6	4.4	.9	.1	.1	.1										187	187	28	4				
72/ 71		2.4	6.2	6.2	2.1	.6	.2											263	263	78	41				
70/ 69	.3	2.4	4.2	4.2	2.8	.5												215	215	188	93				
68/ 67	.3	1.4	3.1	3.2	2.4	.3	.2	.1										163	163	226	174				
66/ 65	.3	1.1	2.8	3.8	2.9	.3	.1	.1	.1									171	171	165	175				
64/ 63		.5	1.4	2.4	1.2	.9	.3	.1	.1									100	100	163	164				
62/ 61	.1	.1	1.5	2.5	1.0	.7	.5	.1										95	95	139	121				
60/ 59	.1	.2	.9	.9	1.0	.3	.3	.1										58	58	126	113				
58/ 57		.2	.5	.9	.6	.4	.1											41	41	105	121				
56/ 55		.5	.4	.5	.5	.4	.2											37	37	72	97				
54/ 53		.1	.2	.3	.4	.2	.1											19	19	57	96				
52/ 51		.1		.2	.2	.1												9	9	42	63				
50/ 49			.1	.1	.2	.1												8	8	34	52				
48/ 47				.1	.1													3	3	28	31				
46/ 45					.1													1	1	14	29				
44/ 43						.1												1	1	9	24				
42/ 41					.1													1	1	7	17				
40/ 39				.1														1	1	4	18				
38/ 37																					19				
36/ 35																					7				
34/ 33																				3	9				
32/ 31																					7				
30/ 29																					7				
28/ 27																					1				
26/ 25																					2				
24/ 23																					1				
22/ 21																					1				
14/ 13																					1				
TOTAL	1.1	11.0	29.9	32.7	17.2	5.2	2.2	.4	.1									1488	1488	1488	1488				
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total				
Rel. Hum.	8516128		111122		74.7		12.099		1488				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			93				
Dry Bulb	6858712		100656		67.6		5.788		1488						58.9	18.9					93				
Wet Bulb	5883989		93019		62.5		6.842		1488						32.5	1.8					93				
Dew Point	5206237		87853		59.0		8.957		1488						1.3	19.5	.3				93				

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12826 HOMESTEAD AFB FLORIDA

43-45, 56-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	62.6	63.2	66.0	70.7	73.6	76.9	78.5	78.5	78.0	74.4	68.4	63.3	71.6	
	S D	7.692	7.640	6.532	4.455	3.529	2.639	2.389	2.527	2.578	4.532	6.155	7.844	7.903	
	TOTAL OBS	1395	1354	1484	1439	1579	1576	1580	1674	1579	1581	1455	1487	18185	
03-05	MEAN	61.4	61.9	65.5	69.4	72.4	76.0	77.5	77.6	77.1	73.3	67.2	62.1	70.4	
	S D	8.194	8.261	7.075	5.009	3.966	2.730	2.322	2.504	2.616	4.837	6.497	8.381	8.254	
	TOTAL OBS	1395	1356	1487	1440	1580	1577	1580	1674	1577	1580	1454	1487	18187	
06-08	MEAN	61.0	61.8	66.1	70.9	74.6	78.3	79.8	79.6	78.6	74.0	67.4	61.8	71.5	
	S D	8.581	8.710	7.591	5.415	4.386	3.499	3.051	3.169	3.201	5.316	6.926	8.659	9.190	
	TOTAL OBS	1394	1356	1487	1440	1580	1607	1580	1674	1594	1580	1455	1488	18235	
09-11	MEAN	68.0	69.6	73.1	77.6	80.4	83.5	85.2	85.4	84.1	80.5	74.6	69.4	77.9	
	S D	8.391	8.284	6.702	4.068	3.317	3.273	2.526	2.601	3.271	4.545	6.451	8.034	8.271	
	TOTAL OBS	1395	1356	1488	1440	1581	1608	1580	1673	1606	1581	1455	1488	18251	
12-14	MEAN	72.5	73.8	76.1	79.9	81.9	84.4	85.9	85.5	85.5	82.4	77.7	73.7	80.3	
	S D	6.904	6.847	5.731	3.914	3.420	4.150	3.520	3.544	3.740	3.938	5.171	6.025	6.890	
	TOTAL OBS	1395	1355	1488	1440	1581	1608	1581	1674	1606	1581	1455	1488	18252	
15-17	MEAN	71.8	73.4	75.5	78.9	80.6	83.0	84.7	85.2	83.9	81.3	76.5	72.8	79.2	
	S D	6.020	6.127	5.210	3.861	3.496	4.161	3.632	3.577	3.720	3.681	4.695	5.308	6.463	
	TOTAL OBS	1395	1356	1487	1440	1581	1607	1580	1674	1593	1581	1455	1488	18237	
18-20	MEAN	66.9	68.3	71.1	74.9	77.4	80.1	81.8	81.6	80.6	77.5	71.9	67.6	75.3	
	S D	6.049	6.064	5.205	3.481	3.096	3.328	2.996	2.964	2.916	3.589	4.970	5.798	6.889	
	TOTAL OBS	1394	1355	1488	1440	1581	1581	1581	1671	1581	1580	1455	1488	18195	
21-23	MEAN	64.2	65.2	68.3	72.3	75.0	78.0	79.5	79.5	78.9	75.7	69.8	65.1	72.9	
	S D	6.926	6.824	5.713	3.867	2.993	2.632	2.432	2.590	2.595	4.049	5.756	6.883	7.349	
	TOTAL OBS	1394	1354	1488	1440	1581	1580	1581	1669	1579	1581	1455	1488	18190	
ALL HOURS	MEAN	66.0	67.1	70.3	74.3	77.0	80.0	81.6	81.7	80.8	77.4	71.7	67.0	74.9	
	S D	8.520	8.708	7.436	5.716	4.896	4.530	4.225	4.421	4.248	5.481	7.044	8.441	8.499	
	TOTAL OBS	11157	10842	11897	11519	12644	12746	12643	13383	12715	12645	11634	11902	145732	



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12826 HOMESTEAD AFB FLORIDA

43-45, 56-70

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
00-02	MEAN	59.5	59.9	62.8	66.4	69.5	73.2	74.7	74.8	74.3	75.6	64.7	59.8	67.8
	S D	8.070	8.026	7.099	5.181	3.866	2.366	1.670	1.813	1.986	4.547	6.585	8.173	7.961
	TOTAL OBS	1395	1354	1484	1429	1579	1578	1579	1674	1576	1581	1455	1487	18181
03-05	MEAN	58.6	59.0	61.9	65.6	68.8	72.9	74.2	74.4	73.8	70.0	64.0	59.0	67.2
	S D	8.430	8.413	7.438	5.493	4.109	2.433	1.708	1.830	2.029	4.720	6.817	8.343	8.264
	TOTAL OBS	1395	1356	1487	1440	1580	1577	1580	1674	1574	1580	1484	1487	18134
06-08	MEAN	58.3	58.8	62.2	66.3	69.9	74.1	75.4	75.4	74.5	70.4	64.0	58.8	67.7
	S D	8.744	8.820	7.877	5.588	4.191	2.578	1.954	1.989	2.231	4.988	7.077	8.662	8.753
	TOTAL OBS	1394	1355	1487	1429	1580	1605	1580	1674	1591	1580	1455	1488	18229
09-11	MEAN	62.1	62.7	65.3	68.9	71.9	75.7	77.0	77.3	76.5	72.8	67.4	62.8	70.2
	S D	8.316	8.270	7.096	4.794	3.609	2.130	1.480	1.634	1.950	4.404	6.477	7.960	7.795
	TOTAL OBS	1395	1356	1486	1440	1581	1608	1580	1672	1609	1581	1455	1488	18245
12-14	MEAN	63.9	64.3	66.4	69.6	72.4	75.8	77.1	77.6	76.7	73.2	68.3	64.6	71.1
	S D	7.260	7.260	6.364	4.507	3.217	2.313	1.827	1.875	1.988	4.027	5.611	6.780	6.973
	TOTAL OBS	1395	1355	1485	1440	1581	1608	1581	1674	1604	1581	1455	1488	18247
15-17	MEAN	63.7	64.3	66.1	69.2	72.0	75.3	76.6	77.0	76.1	72.9	67.7	64.3	70.7
	S D	6.908	6.866	6.002	4.363	3.236	2.363	1.929	1.912	2.016	3.869	5.443	6.486	6.731
	TOTAL OBS	1395	1356	1484	1440	1581	1607	1580	1674	1599	1581	1455	1488	18234
18-20	MEAN	52.0	62.7	64.7	68.0	71.0	74.4	75.7	75.9	75.2	71.8	66.4	62.5	69.3
	S D	7.123	6.974	6.096	4.422	3.267	2.321	1.823	1.823	1.979	4.035	5.866	6.842	7.057
	TOTAL OBS	1394	1355	1486	1440	1581	1581	1581	1671	1580	1580	1455	1488	18192
21-23	MEAN	60.5	61.2	63.7	67.1	70.2	73.8	75.1	75.2	74.6	71.0	65.3	61.1	68.5
	S D	7.649	7.592	6.339	4.720	3.532	2.292	1.769	1.862	1.976	4.294	6.391	7.525	7.521
	TOTAL OBS	1394	1354	1488	1440	1581	1580	1581	1669	1576	1581	1455	1488	18187
ALL HOURS	MEAN	61.1	61.6	64.1	67.7	70.7	74.4	75.7	76.0	75.2	71.6	66.0	61.6	69.1
	S D	8.095	8.080	7.028	5.107	3.273	2.366	2.046	2.158	2.268	4.520	6.512	7.950	7.789
	TOTAL OBS	11157	10842	11887	11316	12644	12744	12542	12382	12697	12645	11639	11902	148699

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12826 HOMESTEAD AFB FLORIDA

43-45, 56-70

STATION	STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ANNUAL										
00-02	MEAN	57.3	57.6	60.2	63.9	67.4	71.8	73.2	73.4	72.7	68.7	62.5	57.4	65.4										
	S D	9.380	9.416	8.431	6.401	4.742	2.710	1.808	1.968	2.316	5.157	7.758	9.519	8.885										
	TOTAL OBS	1395	1354	1484	1439	1579	1578	1579	1674	1576	1581	1455	1487	18181										
03-05	MEAN	56.6	56.9	59.6	63.4	66.9	71.6	72.9	73.1	72.5	68.5	62.0	56.8	65.4										
	S D	9.569	9.537	8.639	6.571	4.818	2.710	1.849	1.929	2.337	5.186	7.902	9.595	9.074										
	TOTAL OBS	1395	1356	1487	1440	1580	1577	1580	1674	1574	1580	1454	1487	18184										
06-08	MEAN	56.2	56.6	59.7	63.7	67.6	72.3	73.6	73.7	72.8	68.6	62.0	56.7	65.7										
	S D	9.801	9.944	9.198	6.694	4.975	2.736	1.982	1.983	2.439	5.436	8.087	9.575	9.436										
	TOTAL OBS	1394	1356	1487	1439	1580	1605	1580	1674	1591	1580	1455	1488	18229										
09-11	MEAN	58.1	58.3	60.6	64.3	67.9	72.5	73.8	74.2	73.5	69.4	63.4	58.0	66.6										
	S D	10.040	10.345	9.329	6.747	5.077	2.851	1.844	2.011	2.347	5.454	8.060	9.744	9.154										
	TOTAL OBS	1395	1356	1486	1440	1581	1608	1580	1672	1603	1581	1455	1488	18245										
12-14	MEAN	58.4	58.3	60.6	64.3	68.0	72.3	73.7	74.2	73.3	69.0	63.2	58.7	66.5										
	S D	9.932	10.102	9.135	6.639	4.937	2.800	2.067	2.206	2.420	5.591	7.595	9.684	9.005										
	TOTAL OBS	1395	1353	1485	1440	1581	1608	1581	1674	1604	1581	1455	1488	18247										
15-17	MEAN	58.4	58.5	60.6	64.3	67.9	72.2	73.4	73.8	73.0	69.0	63.2	58.8	66.4										
	S D	9.886	9.824	8.697	6.557	4.715	2.733	2.050	2.200	2.445	5.444	7.594	9.598	8.822										
	TOTAL OBS	1395	1356	1484	1440	1581	1607	1580	1674	1593	1581	1455	1488	18234										
18-20	MEAN	58.6	58.9	60.7	64.3	67.9	72.1	73.3	73.6	73.0	69.1	63.2	59.0	66.5										
	S D	9.392	9.253	8.189	6.229	4.335	2.888	2.041	2.078	2.386	5.131	7.509	8.957	8.489										
	TOTAL OBS	1394	1355	1486	1440	1581	1581	1581	1671	1580	1580	1455	1488	18192										
21-23	MEAN	58.0	58.5	60.8	64.3	67.9	72.0	73.3	73.5	72.9	68.8	62.7	58.3	66.2										
	S D	9.299	9.317	8.136	6.207	4.503	2.838	1.920	2.047	2.327	5.120	7.803	9.126	8.626										
	TOTAL OBS	1394	1354	1488	1440	1581	1580	1581	1669	1574	1581	1455	1488	18167										
ALL HOURS	MEAN	57.7	57.9	60.2	64.1	67.7	72.1	73.4	73.7	73.0	68.9	62.8	58.0	66.1										
	S D	9.698	9.752	8.729	6.515	4.803	2.724	1.969	2.086	2.297	5.323	7.807	9.518	8.931										
	TOTAL OBS	11157	10842	11887	11518	12644	12744	12642	13382	12697	12645	11639	11952	145699										

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45, 56-70

PERIOD

ALL  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		0%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.6	98.4	94.5	84.4	66.0	44.5	14.1	75.9	11156
FEB		100.0	100.0	99.4	97.6	93.1	80.5	60.4	37.9	12.7	73.9	10839
MAR		100.0	100.0	99.5	97.8	92.7	78.9	56.0	32.0	8.3	72.0	11886
APR		100.0	100.0	99.6	98.6	94.4	78.6	55.0	28.2	7.3	71.7	11516
MAY		100.0	100.0	99.9	99.5	97.1	84.9	61.5	33.8	9.1	74.2	12642
JUN		100.0	100.0	100.0	100.0	99.3	94.3	72.8	42.8	10.1	77.7	12741
JUL		100.0	100.0	100.0	100.0	99.8	95.7	69.8	38.4	8.2	77.0	12637
AUG		100.0	100.0	100.0	100.0	99.7	95.2	71.6	41.3	10.2	77.5	13381
SEP		100.0	100.0	100.0	100.0	99.6	94.6	72.3	42.8	11.6	77.9	12696
OCT		100.0	100.0	100.0	99.6	97.8	89.1	67.8	39.9	10.6	76.2	12643
NOV		100.0	100.0	100.0	99.2	96.0	84.1	62.9	37.5	11.3	74.7	11639
DEC		100.0	100.0	99.5	98.1	94.4	82.8	63.7	38.2	11.4	74.4	11900
TOTALS		100.0	100.0	99.8	99.1	96.5	86.9	65.0	38.1	10.4	75.3	145676

USAFETAC

FORM  
JUL 64

0-87-5 (OL 1)

## RELATIVE HUMIDITY

JAN  
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.9	99.6	99.8	85.5	67.8	22.7	83.1	1394
	03-05	100.0	100.0	100.0	99.9	99.8	97.3	89.0	71.8	29.4	84.8	1395
	06-08	100.0	100.0	100.0	99.9	99.4	98.4	89.0	71.6	29.6	84.9	1394
	09-11	100.0	100.0	100.0	99.1	95.0	81.2	55.2	25.3	5.8	71.7	1395
	12-14	100.0	99.9	99.1	94.8	83.4	56.0	24.9	8.2	2.2	62.3	1395
	15-17	100.0	99.9	97.9	94.8	84.9	62.2	32.3	9.8	1.9	63.8	1395
	18-20	100.0	100.0	99.9	98.9	95.1	88.2	69.7	40.6	6.0	75.4	1394
	21-23	100.0	100.0	100.0	100.0	98.6	94.9	82.0	60.8	15.1	80.8	1394
TOTALS		100.0	100.0	99.6	98.4	94.5	84.4	66.0	44.8	14.1	75.9	11156

USAFETAC      FORM JUL 64      0-67.5 (OL 1)

DATA PROCESSING DIVISION  
ETAC/USAF  
AFN WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

12826 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

43-44,57-70  
PERIOD

FEB  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	99.7	99.3	95.9	86.5	60.6	22.0	82.4	1353
	03-05	100.0	100.0	100.0	99.9	99.5	97.5	89.2	68.2	27.3	84.2	1356
	06-08	100.0	100.0	100.0	100.0	99.8	96.7	88.6	65.0	27.2	83.7	1356
	09-11	100.0	100.0	99.6	97.9	91.4	73.2	44.5	17.8	4.0	68.3	1356
	12-14	100.0	99.9	98.0	93.4	81.2	47.3	14.3	4.5	1.3	59.5	1353
	15-17	100.0	99.9	97.9	92.5	81.3	53.6	20.2	5.4	1.2	60.6	1356
	18-20	100.0	100.0	99.6	97.7	93.9	86.2	61.3	29.2	4.2	72.7	1355
	21-23	100.0	100.0	99.9	99.7	98.6	93.3	78.1	52.6	14.3	79.6	1354
TOTALS		100.0	100.0	99.4	97.6	93.1	80.5	60.4	37.9	12.7	73.9	10839

## RELATIVE HUMIDITY

43-44, 57-70

MAR  
MONIN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.9	99.4	94.8	80.0	52.5	15.6	79.9	1483
	03-05	100.0	100.0	100.0	100.0	99.5	96.9	83.6	57.3	19.3	81.5	1487
	06-08	100.0	100.0	100.0	99.6	98.8	93.0	80.6	55.2	17.4	80.4	1487
	09-11	100.0	99.9	99.3	98.1	90.6	67.0	35.5	11.8	2.1	63.7	1486
	12-14	100.0	99.8	98.3	93.7	79.1	49.3	17.2	2.3	.9	59.8	1485
	15-17	100.0	99.9	98.7	92.5	81.5	52.1	22.1	6.5	.9	61.0	1484
	18-20	100.0	100.0	99.7	98.3	93.9	81.4	55.4	21.7	2.1	70.6	1484
	21-23	100.0	100.0	100.0	99.9	98.5	93.3	73.7	44.9	8.3	77.3	1488
TOTALS		100.0	100.0	99.5	97.8	92.7	78.9	56.0	32.0	8.3	72.0	11866

DATA PROCESSING DIVISION  
ETAC/USAF  
AFR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

12826 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

43-44, 57-70

PERIOD

APR  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.9	94.9	81.9	49.1	12.9	79.5	1439
	03-05	100.0	100.0	100.0	100.0	99.9	96.3	85.2	57.3	20.7	81.7	1440
	06-08	100.0	100.0	100.0	100.0	99.3	93.5	77.6	47.3	14.1	78.9	1439
	09-11	100.0	100.0	99.4	97.9	91.1	65.6	29.1	5.4	1.0	64.5	1440
	12-14	100.0	100.0	99.0	95.8	83.3	48.5	15.3	2.8	.8	60.0	1440
	15-17	100.0	99.8	99.0	96.0	86.7	53.5	22.3	5.8	.6	62.1	1439
	18-20	100.0	99.9	99.8	98.9	93.8	81.6	54.6	18.4	2.5	70.5	1440
	21-23	100.0	100.0	99.9	99.9	99.2	92.7	74.3	39.2	5.8	76.5	1439
TOTALS		100.0	100.0	99.6	98.6	94.4	78.6	53.0	28.2	7.3	71.7	11316

USAFETAC

FORM  
JUL 64

0-87-5 (OL 1)

## RELATIVE HUMIDITY

MAY  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	98.2	87.9	56.6	15.0	81.2	1579
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	91.3	65.3	22.2	83.4	1580
	06-08	100.0	100.0	100.0	99.9	99.7	95.5	81.5	49.4	13.0	79.6	1580
	09-11	100.0	100.0	99.9	99.3	94.9	70.2	32.6	10.2	2.3	66.6	1580
	12-14	100.0	100.0	99.6	98.5	90.1	60.8	24.7	8.7	2.7	64.0	1581
	15-17	100.0	100.0	99.8	98.8	93.7	67.3	31.1	12.3	3.6	66.3	1581
	18-20	100.0	100.0	100.0	99.8	98.7	90.6	60.6	23.3	5.2	73.3	1581
	21-23	100.0	100.0	100.0	100.0	100.0	97.9	82.4	44.2	8.6	78.8	1580
TOTALS		100.0	100.0	99.9	99.5	97.1	84.9	61.5	33.8	9.1	74.2	12642

USAFETAC      FORM 0-87-5 (OL 1)  
JUL 64



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

12826 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

43-45,56-70  
PERIOD

JUN  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN:	00-02	100,0	100,0	100,0	100,0	100,0	100,0	98,5	72,5	18,0	84,6	1577
	03-05	100,0	100,0	100,0	100,0	100,0	100,0	99,0	83,2	23,8	86,5	1576
	06-08	100,0	100,0	100,0	100,0	100,0	99,8	92,6	59,8	13,3	82,4	1604
	09-11	100,0	100,0	100,0	100,0	98,9	90,1	41,4	10,9	1,7	69,9	1608
	12-14	100,0	100,0	100,0	99,8	97,2	79,7	32,2	12,2	3,6	68,0	1608
	15-17	100,0	100,0	100,0	99,8	98,3	87,1	43,3	17,1	3,1	70,6	1607
	18-20	100,0	100,0	100,0	100,0	99,6	97,8	77,9	30,7	6,2	77,0	1581
	21-23	100,0	100,0	100,0	100,0	100,0	99,8	97,1	55,6	11,1	82,2	1580
TOTALS		100,0	100,0	100,0	100,0	99,3	94,3	72,8	42,8	10,1	77,7	12741

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-44, 56-70

PERIOD

JUL  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	68.0	14.8	84.1	1579
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	79.2	21.3	85.9	1579
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	92.8	55.5	11.1	81.8	1579
	09-11	100.0	100.0	100.0	100.0	99.9	92.9	35.9	6.1	1.4	69.3	1580
	12-14	100.0	100.0	100.0	100.0	98.9	89.4	24.5	8.1	2.2	67.6	1579
	15-17	100.0	100.0	100.0	100.0	99.4	90.2	34.9	10.9	1.8	69.4	1580
	18-20	100.0	100.0	100.0	100.0	99.9	98.9	75.1	25.3	3.9	76.0	1581
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	96.7	53.9	8.7	81.6	1580
TOTALS		100.0	100.0	100.0	100.0	99.8	95.7	69.8	38.4	8.2	77.0	12637

USAFETAC

FORM  
JUL 64

0-87-5 (OL II)

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

12826  
STATION

HOMESTEAD AFB FLORIDA  
STATION NAME

43-45,56-70  
PERIOD

AUG  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.9	98.9	71.5	17.7	84.6	1674
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	80.2	23.5	86.2	1674
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	94.7	61.6	14.5	82.8	1674
	09-11	100.0	100.0	100.0	100.0	99.8	92.7	39.8	7.9	1.5	69.8	1672
	12-14	100.0	100.0	100.0	100.0	98.6	81.8	27.6	8.5	2.5	67.4	1673
	15-17	100.0	100.0	100.0	100.0	99.0	88.5	36.4	11.7	2.6	69.5	1674
	18-20	100.0	100.0	100.0	100.0	99.9	98.8	79.2	30.4	5.8	77.2	1671
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	96.3	58.4	13.3	82.4	1669
TOTALS		100.0	100.0	100.0	100.0	99.7	95.2	71.6	41.3	10.2	77.5	13381

USAFETAC

FORM  
JUL 64

0-87-5 (OL 1)

## RELATIVE HUMIDITY

SEP  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.9	95.7	68.7	18.8	84.2	1576
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.4	76.0	26.7	86.0	1573
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	94.0	64.2	17.5	83.5	1591
	09-11	100.0	100.0	100.0	100.0	99.9	91.8	46.2	13.5	2.9	71.0	1603
	12-14	100.0	100.0	100.0	99.9	98.4	79.3	28.5	11.2	3.5	67.6	1604
	15-17	100.0	100.0	100.0	99.9	98.9	87.6	42.1	15.7	3.3	70.5	1593
	18-20	100.0	100.0	100.0	100.0	99.7	96.5	81.4	35.7	7.2	78.1	1580
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	93.3	57.4	12.4	82.1	1576
TOTALS		100.0	100.0	100.0	100.0	99.6	94.6	72.3	42.8	11.6	77.9	12696

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

12826 STATION HOMESTEAD AFB FLORIDA

43,45,56,70

PERIOD

OCT MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.3	91.5	63.4	15.9	82.8	1581
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.2	72.9	24.1	85.1	1580
	06-08	100.0	100.0	100.0	100.0	99.9	98.9	91.9	67.4	19.7	83.6	1579
	09-11	100.0	100.0	100.0	99.9	98.0	83.0	44.5	13.3	2.3	69.7	1581
	12-14	100.0	100.0	100.0	98.7	92.1	66.2	25.5	9.4	3.0	65.0	1581
	15-17	100.0	100.0	99.9	98.3	93.0	74.6	36.3	12.3	2.9	67.3	1581
	18-20	100.0	100.0	100.0	99.9	99.1	93.6	73.0	31.3	5.8	75.9	1580
	21-23	100.0	100.0	100.0	100.0	99.9	97.7	84.6	49.4	10.8	79.9	1580
TOTALS		100.0	100.0	100.0	99.6	97.8	89.1	67.8	39.9	10.6	76.2	12643

USAFETAC

FORM  
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

12826 HOMESTEAD AFB FLORIDA  
STATION STATION NAME

43,45,56-70

PERIOD

NOV  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.9	99.9	97.2	86.0	59.3	18.8	81.8	1455
	03-05	100.0	100.0	100.0	100.0	99.9	98.2	89.8	66.2	25.6	83.8	1454
	06-08	100.0	100.0	100.0	100.0	99.7	97.9	89.0	64.9	23.2	83.3	1455
	09-11	100.0	100.0	100.0	99.5	94.9	78.4	42.5	15.5	2.3	68.7	1455
	12-14	100.0	100.0	99.9	97.5	87.4	52.6	17.6	5.6	1.4	61.8	1455
	15-17	100.0	100.0	99.9	96.8	89.6	64.1	28.8	7.6	1.6	64.5	1455
	18-20	100.0	100.0	100.0	99.9	97.6	90.5	69.5	32.6	5.4	74.9	1455
	21-23	100.0	100.0	100.0	100.0	99.1	94.2	79.8	48.4	11.8	78.8	1455
TOTALS		100.0	100.0	100.0	99.2	96.0	84.1	62.9	37.5	11.3	74.7	11639

USAFETAC

FORM  
JUL 64

0-87-5 (OL 1)

## RELATIVE HUMIDITY

DEC  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.9	99.0	95.5	84.2	59.0	19.3	81.5	1487
	03-05	100.0	100.0	100.0	99.9	99.8	97.8	88.9	63.7	21.7	83.2	1486
	06-08	100.0	100.0	100.0	100.0	99.6	98.3	91.1	65.1	23.5	83.7	1488
	09-11	100.0	100.0	99.9	98.7	93.7	78.1	47.2	13.2	4.6	69.6	1487
	12-14	100.0	99.9	98.3	93.5	83.3	50.1	20.2	5.2	1.3	60.5	1488
	15-17	100.0	99.9	98.1	93.7	85.1	60.1	29.6	7.7	1.5	62.9	1488
	18-20	100.0	100.0	99.9	98.8	95.8	88.4	68.3	36.0	5.6	74.7	1488
	21-23	100.0	100.0	100.0	99.9	98.5	93.7	79.8	50.8	13.9	79.3	1486
TOTALS		100.0	100.0	99.5	98.1	94.4	82.8	63.7	38.2	11.4	74.4	11900

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

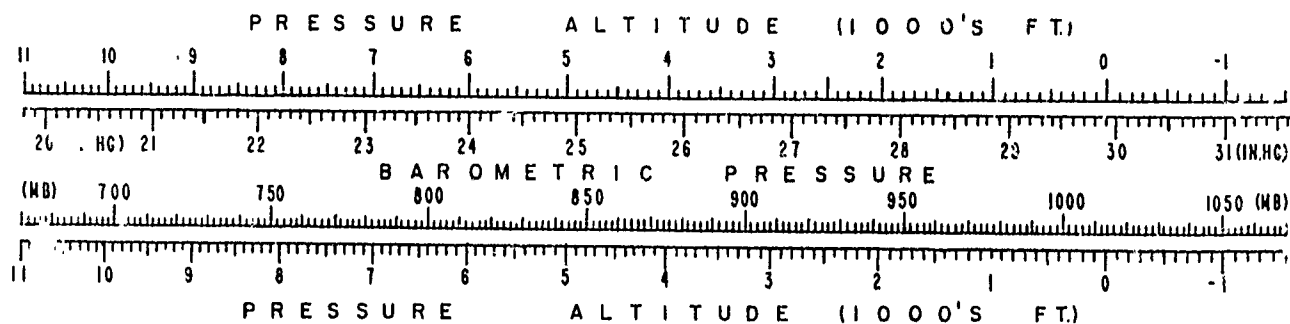
## PART F

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.





DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12826 HOMESTEAD AFB FLORIDA

56-63,65-70

STATION		STATION NAME												YEARS											
HRS (1 ST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL											
01	MFAN	30,085	30,060	30,033	30,023	29,993	29,974	30,036	29,997	29,941	29,938	30,017	30,078	30,013											
	S D	.120	.120	.122	.099	.079	.078	.055	.058	.084	.085	.100	.100	.104											
	TOTAL OBS	372	338	372	360	364	376	403	434	420	434	429	434	4727											
04	MEAN	30,069	30,035	30,003	29,998	29,969	29,950	30,011	29,971	29,915	29,915	30,000	30,061	29,990											
	S D	.121	.120	.119	.100	.079	.076	.056	.059	.095	.086	.099	.102	.106											
	TOTAL OBS	372	338	372	360	364	376	403	434	420	434	420	434	4727											
07	MEAN	30,089	30,059	30,035	30,034	30,004	29,981	30,037	29,998	29,944	29,946	30,029	30,084	30,019											
	S D	.123	.123	.120	.100	.079	.076	.056	.058	.091	.090	.100	.103	.105											
	TOTAL OBS	372	338	372	360	364	386	403	434	420	434	420	434	4737											
10	MEAN	30,138	30,097	30,069	30,063	30,027	30,004	30,062	30,026	29,975	29,977	30,065	30,127	30,051											
	S D	.123	.125	.124	.104	.081	.077	.056	.059	.082	.093	.101	.104	.109											
	TOTAL OBS	372	338	372	360	364	386	403	434	420	434	420	434	4737											
13	MEAN	30,085	30,055	30,037	30,036	30,005	29,987	30,050	30,007	29,949	29,935	30,014	30,072	30,018											
	S D	.126	.127	.125	.108	.084	.079	.056	.060	.079	.091	.101	.104	.107											
	TOTAL OBS	372	338	372	360	364	386	403	434	420	434	420	434	4737											
16	MEAN	30,056	30,019	29,997	29,997	29,969	29,958	30,020	29,973	29,913	29,907	29,988	30,045	29,986											
	S D	.126	.126	.125	.108	.084	.079	.054	.059	.076	.090	.101	.104	.106											
	TOTAL OBS	372	338	372	360	364	386	403	434	420	434	420	434	4737											
19	MEAN	30,081	30,039	30,013	30,009	29,980	29,967	30,024	29,981	29,928	29,930	30,016	30,071	30,002											
	S D	.123	.123	.124	.104	.080	.079	.053	.057	.074	.087	.100	.102	.103											
	TOTAL OBS	372	338	372	360	364	376	403	434	420	434	420	434	4727											
32	MEAN	30,105	30,067	30,044	30,043	30,012	29,995	30,053	30,014	29,962	29,960	30,042	30,096	30,032											
	S D	.121	.122	.124	.100	.078	.079	.054	.057	.077	.087	.099	.100	.104											
	TOTAL OBS	372	338	372	360	364	377	403	434	420	434	420	434	4728											
ALL HOURS	MEAN	30,089	30,054	30,029	30,025	29,995	29,977	30,037	29,996	29,941	29,938	30,022	30,079	30,014											
	S D.	.125	.125	.125	.105	.083	.080	.057	.061	.085	.091	.102	.105	.108											
	TOTAL OBS	2976	2704	2974	2880	2912	3049	3224	3472	3360	3472	3360	3472	37857											

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12826 HOMESTEAD AFB FLORIDA

45,36-70

STATION	STATION NAME	YEARS												
HRS (IST)		JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.2	1018.1	1017.4	1017.1	1016.1	1015.3	1017.5	1016.1	1014.3	1014.2	1016.9	1016.9	1016.7
	S.D	3.941	4.117	3.979	3.309	2.626	2.347	3.834	2.117	2.777	2.507	3.367	3.342	3.474
	TOTAL OBS	434	395	434	420	457	466	465	496	466	496	455	465	5449
04	MEAN	1018.6	1017.2	1016.4	1016.3	1015.4	1014.8	1016.6	1015.2	1013.4	1013.4	1016.3	1016.4	1016.0
	S.D	3.977	4.143	3.903	3.304	2.630	2.326	1.883	2.050	3.130	2.129	3.354	3.398	3.333
	TOTAL OBS	434	395	434	420	457	466	465	496	466	495	455	465	5468
07	MEAN	1019.3	1018.1	1017.5	1017.5	1016.5	1015.9	1017.5	1016.2	1014.5	1014.5	1017.3	1016.1	1016.9
	S.D	4.013	4.204	3.969	3.326	2.637	2.318	1.853	2.019	3.027	3.027	3.355	3.450	3.503
	TOTAL OBS	434	395	434	420	457	476	465	496	477	496	455	465	5470
10	MEAN	1020.9	1019.4	1018.7	1018.5	1017.3	1016.7	1018.3	1017.1	1015.5	1015.5	1018.5	1020.6	1018.0
	S.D	4.045	4.281	4.086	3.463	2.734	2.340	1.887	2.012	2.773	3.144	3.415	3.478	3.518
	TOTAL OBS	434	395	434	420	457	475	465	496	476	496	455	465	5468
13	MEAN	1019.1	1018.1	1017.6	1017.6	1016.6	1016.1	1017.9	1016.5	1014.6	1014.1	1016.8	1016.7	1016.9
	S.D	4.102	4.207	4.139	3.583	2.847	2.621	1.872	2.036	2.643	3.103	3.419	3.478	3.534
	TOTAL OBS	434	395	434	420	457	476	465	496	476	496	455	465	5465
16	MEAN	1018.2	1016.7	1016.2	1016.2	1015.2	1015.1	1016.9	1015.3	1013.4	1013.1	1015.9	1017.9	1015.5
	S.D	4.093	4.279	4.107	3.585	2.856	2.620	1.827	2.003	2.551	3.071	3.414	3.490	3.542
	TOTAL OBS	434	395	434	420	457	476	465	496	469	496	455	465	5462
19	MEAN	1019.0	1017.4	1016.8	1016.6	1015.7	1015.4	1017.0	1015.6	1013.9	1013.9	1016.8	1016.7	1016.4
	S.D	3.998	4.188	4.045	3.446	2.693	2.391	1.794	1.956	2.497	2.928	3.358	3.417	3.499
	TOTAL OBS	434	395	434	420	457	467	465	496	467	496	455	465	5451
22	MEAN	1019.8	1018.3	1017.8	1017.8	1016.8	1016.4	1018.0	1016.7	1015.1	1014.7	1017.7	1019.6	1017.4
	S.D	3.970	4.177	4.071	3.320	2.647	2.397	1.815	1.981	2.594	2.967	3.326	3.349	3.451
	TOTAL OBS	434	395	434	420	457	467	465	495	487	496	455	465	5450
ALL HOURS	MEAN	1019.2	1017.9	1017.3	1017.2	1016.2	1015.8	1017.5	1016.1	1014.3	1014.2	1017.0	1019.0	1016.6
	S.D	4.087	4.276	4.103	3.492	2.791	2.625	1.930	2.120	2.846	3.099	3.457	3.507	3.588
	TOTAL OBS	3472	3160	3472	3160	3656	3769	3720	3967	3764	3967	3640	3720	42667